

1985 ONTARIO MINERAL SCORE

**A Computer Analysis
of
The Mineral Industry of Ontario
to
31 December, 1985**

**prepared by
The Mineral Statistics Section**



**Ministry
of
Northern
Development
and Mines**

**Hon. René Fontaine
Minister**

**George Tough
Deputy Minister**

**VIDEO
CENSUS
SERIES
No. 5**

Parts of this report may be quoted if credit is given to the Ontario Ministry of Northern Development and Mines. It is recommended that reference to this report be made in the following form:

Weatherson, G.L.

1986

"1985 Ontario Mineral Score"

Ontario Ministry of Northern Development and Mines,

Video Census Series No. 5

ISSN 0714-122X

MAY, 1986

Price: \$10.00

The word SCORE has two meanings in this report:

(1) it means a record of the standing of the Ontario Mineral Industry within the world market; and,

(2) it also means Screen Co-ordinated Resources Evaluation, (S-CO-R-E), the computer program which produced this report.

As to the standing of the Ontario Mineral Industry; few people in the world produce the variety and wealth of minerals as do the men and women of Ontario. Nearly 40,000 employees of the mining and metallurgical industries produce over 30 different minerals. Many of these minerals are further processed in Ontario by an estimated 50,000 additional employees to a value of over \$8 billion annually.

As vital as these minerals are to the well being of the people of Canada, over 80% of the minerals are exported to other nations making Ontario one of the leading exporters of minerals in the world.

Change to 1985 SCORE

New Report on Mineral Production by Mining Division:

In 1985 the Ministry of Northern Development and Mines was formed. For the purpose of administering the mining lands, Ontario is divided by the Ministry into mining divisions.

The volume and value of Ontario Mineral Production in Report 2 are now reported for the first time in this SCORE Publication by the mining divisions.

The production reports by mining divisions are a new series designed to meet the needs of the resident geologists who are responsible for monitoring activity in their respective divisions.

Ministry of Natural Resources Administrative Regions and Districts:

The statistical series of volume and value of mineral production by MNR region and districts is no longer available in this publication but is available under separate cover on request to the Mineral Statistics section, ministry of Northern Development and Mines. This series is continued in the interest of promoting cooperation among the managers of multiple uses of Ontario land.

Mineral Production by Municipality:

The series on mineral production by municipality is continued in this publication because most analysts of natural resources in Ontario, from municipalities, to the Federal government, to the public in general can relate to a geographic breakdown based on municipal boundaries.

The SCORE System

(Screen COordinated Resource Evaluation)

is a system of computer programs which combine a Video Screen Generator and a Data Base Management System in order to evaluate the Mineral Industry of Ontario.

Within The SCORE System are programs called the VIDEO CENSUS which allow the staff of the Mineral Statistics Section to enter the data from the Annual Census of Mines, Quarries and Sand Pits into video screen images of the Census Questionnaires.

No card punchers, coding forms or key-to-tape facilities are required. Instead, the analysts of the Mineral Statistics Section who collect the Census data, talk to the mineral companies and analyze the data for reliability are the same staff who enter the data interactively into over 200 different video screen images of the Census Questionnaires. From that point on the data is controlled by the analysts completely electronically from Census Questionnaire Image to this laser printed report. As a result transcription errors are reduced dramatically. The data from many years of Census and data from other reliable sources are merged in the Data Base Management System. The data is then crosschecked, stored, analyzed, and screened to remove the company name and then reported with increased accuracy and with half of the labour required by the previous manual census.

System Development

The SCORE System was developed in 1980 and 1981 by the Mineral Statistics Section. Gary L. Weatherson, Supervisor of The Mineral Statistics section and EDP Coordinator for The Mineral Resources Group designed and managed the development of the computer system and V. kong, A. kroll, B. Thomas, A. Walford and G. Weatherson programmed the system.

In 1985 the following people established the data base and tested the system:
M. Davis, L. Gartley, S. Lin, and H. Sookram

S. Lin produced the 1985 SCORE Report.

MicroSCORE

In 1984, part of the SCORE System was downloaded to microcomputers. The large datasets are still processed by a mainframe computer and some of the reports are then downloaded and modified on microcomputers. As a result we have, for example, been able to compress the graphs and tables at the back of this report and add new features. Because hundreds of Megabyte size data-sets are processed the mainframe is still the essential tool in the SCORE System. Work continues in 1986 on a system which can process all SCORE databases on a family of mini-micro computers.

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All of the Reports in this series were generated by computer and some programs have generated their own page numbers in top right hand corner.

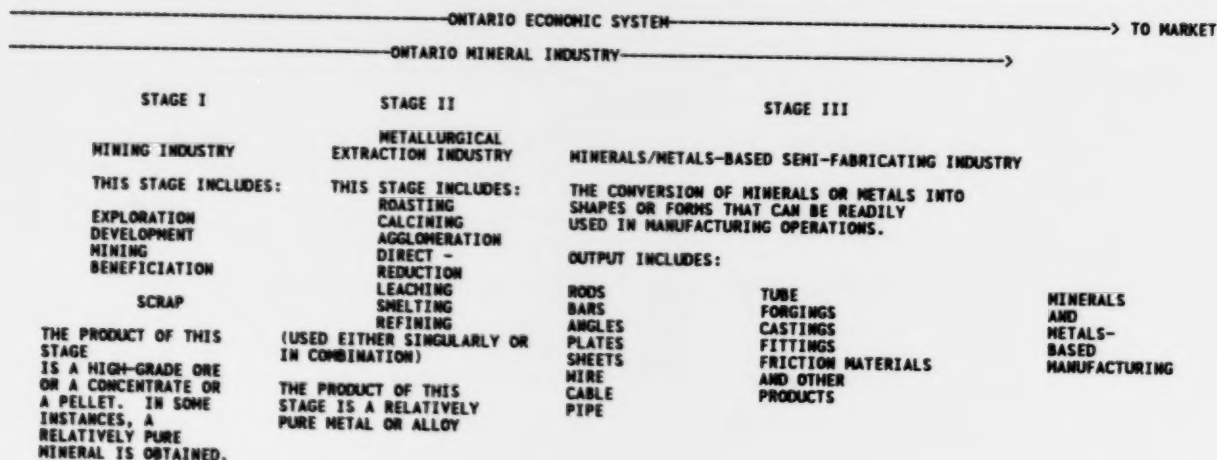
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Definition of The "Mineral Industry"

There are no definite boundaries to the vast mineral industry and few industries have clearly defined boundaries because they overlap in complex ways. Analysts, for the purpose of reporting, may define boundaries for which no suitably defined statistics are available or may label a set of statistics as relating to the "mineral industry" when in fact it relates to the subset called the "mining industry".

The analysts who produced this VIDEO CENSUS and programmed the computers to define the "mineral industry" a certain way also had to define boundaries and select a source of information which was reliable within those boundaries.



Includes metals, non-metals and structural materials.
(The Energy minerals Uranium, Thorium and Yttrium are classified as metals.)

Reliable statistics are only available for Stages I and II, beyond that the boundaries of Stage III become very nebulous. However, Stage III is a very important part of the mineral industry and it is estimated that over 50,000 employees of Stage III add at least \$4 billion to the \$4 billion value of minerals produced by the 40,000 employees of Stages I and II.

It is, therefore, estimated that the Mineral Industry of Ontario in 1984 alone produced minerals worth over \$8 billion.

SUMMARY OF OPERATIONS

ESTIMATE OF 1985 MINERAL PRODUCTION

The total value of minerals mined in Ontario in 1985 amounted to \$4,572,520,000. The value of metallics was \$3,429,206,000, non-metallics \$228,551,000, fuels \$89,592,000, and structural materials \$825,171,000.

1984 MINERAL PRODUCTION

The total value of minerals mined in Ontario in 1984 amounted to \$4,420,324,925. The value of metallics was \$3,392,098,454, non-metallics \$220,787,631, fuels \$85,742,349 and structural materials \$721,696,491.

The volumes of metals contributing most to the value of output were: 132,442,247 kilograms of nickel valued at \$886,903,006 (20.1% of the total value of mineral production in Ontario); 292,423,266 kilograms of copper valued at \$537,391,499 (12.2%); 4,552,158 kilograms of uranium valued at \$544,778,444 (12.3%); and 27,820,870 grams of gold valued at \$413,229,920 (9.3%). The combined value of these four major metals amounted to \$2,382,302,869 and accounted for 53.9% of the total value of mineral production in Ontario.

In 1984, the Ontario Metal Mines (classified to mining sectors on the basis of the volume of component metals contained in mined ores) employed 21,622 people and milled 44,665,015 tonnes of ore containing metals worth \$3,392,098,454 (averaging 2,066 tonnes and \$156,882 per employee).

Stages I and II of the Mineral Industry employed 37,000 men and women in 1984. In addition, it is estimated that stage III (the minerals and metals-based semi-fabricating industry) employed over 50,000 people and contributed an additional \$4 Billion to Ontario. Together, Stages I, II, and III of the Mineral Industry of Ontario regularly employ over 90,000 people and contribute about \$8 Billion to the economy.

1984 EXPLORATION ACTIVITY

Because of the importance of mineral exploration to the future of Ontario we established a survey to measure the level of exploration and development activity. A report based on the survey can be found on page 100. The report reveals that over \$270,000,000 were spent on exploration and development in 1984.

Staking activity went down in 1984 and 1985 but the more important measure of activity, total expenditures on exploration and development, increased substantially from \$171,000,000 in 1983 to \$270,000,000 in 1984.

AVERAGE PRICE IN CANADA IN 1985 (ESTIMATES)

MINERAL COMMODITY	UNIT	CANADIAN DOLLARS
ASBESTOS	TONNE	473.488
BISMUTH	KG	19.568
CADMIUM	KG	3.638
CALCIUM	KG	10.547
CEMENT	TONNE	84.494
COAL	TONNE	31.152
COBALT (SHOT/CATHODE)	KG	35.221
COBALT (US SPOT CATH)	KG	34.297
COLUMBIUM	KG	9.661
COPPER	KG	1.986
GOLD	G	13.929
GYPNUM	TONNE	9.580
INDIUM	KG	114.135
IRIDIUM	KG	26341.235
IRON ORE	TONNE	38.319
LEAD	KG	.577
LIME	TONNE	73.090
MAGNESIUM	KG	4.306
MOLYBDENUM (OXIDE)	KG	9.775
NATURAL GAS	KCU.M	98.602
NEPHELINE SYENITE	TONNE	38.736
NICKEL	KG	7.348
OSMIUM	KG	40088.059
PALLADIUM	KG	5571.403
PEAT	TONNE	99.787
PETROLEUM CRUDE	CU.M	224.629
PLATINUM	KG	20853.489
RHODIUM	KG	39191.728
RUTHENIUM	LIST PRICE SUSPENDED	
SALT	TONNE	21.879
SAND & GRAVEL	TONNE	2.464
SELENIUM	KG	21.819
SILVER	KG	278.876
STONE	TONNE	4.637
SULPHUR	TONNE	78.668
* TANTALUM	KG	79.150
TIN	KG	15.831
TUNGSTEN	KG	39.436
URANIUM (U)	KG	95.489
ZINC	KG	1.254

* BASED ON METALS WEEK SPOT TANTALITE ORE, PREVIOUSLY BASED ON Tanco Tantalite

AVERAGE PRICE IN CANADA IN 1984

MINERAL COMMODITY	UNIT	CANADIAN DOLLARS
ASBESTOS	TONNE	453.136
BISMUTH	KG	11.821
CADMIUM	KG	4.833
CALCIUM	KG	8.847
CEMENT	TONNE	80.051
COAL	TONNE	31.264
COBALT (SHOT/CATHODE)	KG	35.446
COBALT (US SPOT CATH)	KG	28.788
COLUMBIUM	KG	9.277
COPPER	KG	1.892
GOLD	G	15.007
GYPSUM	TONNE	7.918
INDIUM	KG	129.053
IRIDIUM	KG	24977.914
IRON ORE	TONNE	37.494
LEAD	KG	.739
LIME	TONNE	69.251
MAGNESIUM	KG	4.076
MOLYBDENUM (OXIDE)	KG	10.154
NATURAL GAS	KCU.M	101.486
NEPHELINE SYENITE	TONNE	35.718
NICKEL	KG	6.729
OSMIUM	KG	19419.469
PALLADIUM	KG	6105.716
PEAT	TONNE	96.094
PETROLEUM CRUDE	CU.M	212.851
PLATINUM	KG	19774.188
RHODIUM	KG	26122.739
RUTHENIUM	KG	1873.360
SALT	TONNE	20.536
SAND & GRAVEL	TONNE	2.337
SELENIUM	KG	25.677
SILVER	KG	348.128
STONE	TONNE	4.630
SULPHUR	TONNE	73.113
TANTALUM	KG	128.459
TIN	KG	18.034
TUNGSTEN	KG	37.395
URANIUM (U)	KG	87.770
ZINC	KG	1.407

METHODS USED IN COMPUTING
MINERAL PRODUCTION 1984

Cadmium - Cadmium is associated with zinc. It is recovered in the refining of zinc by Cominco Ltd. at Trail, British Columbia, by Hudson Bay Mining and Smelting Co. Ltd. at Flin Flon, Manitoba, by Kidd Creek Mines Ltd. at Timmins, Ontario, and by Canadian Electrolytic Zinc Ltd. at Valleyfield, Quebec.

Production consists of cadmium metal recovered at these smelters and the recoverable content of cadmium in the zinc-lead concentrates exported.

Value is based on settlement value as reported or when settlement value is not available it is based on the average yearly industry price x volume.

Calcium - The only producer is Chromasco, A Division of Timminco Limited. at Haley, Ontario. Output figures represent calcium metal, plus calcium content of alloys.

Cobalt - Production includes:

(a) Cobalt metal produced at Canadian smelters, plus the Cobalt content of salts and oxides made at these smelters. Recoveries from imported concentrates are excluded. The value is the total sales value of these products as reported by the smelters.

(b) Cobalt content of ores and concentrates exported and valued at the average yearly industry price x volume.

Copper - Production includes: (a) Recoverable copper (metal paid for) in ores and concentrates shipped for export.

(b) Copper content of blister copper made at Canadian smelters.

(c) Copper content of nickel-copper matte shipped for export by Canadian smelters. No allowance is made for losses in treatment of the matte, as practically all of the copper is recovered.

Value is based on settlement value as reported or when settlement value is not available it is based on the average yearly industry price x volume.

Gold - Production includes:

(a) Gold in crude bullion obtained direct from lode gold and other mines.

(b) Gold in blister copper made at copper smelters.

(c) Gold in base bullion made by lead smelters.

(d) Gold in all types of ores, concentrates, matte, etc., shipped for export.

Value is based on settlement value as reported or when settlement value is not available it is based on the average yearly industry price x volume.

Iron ore - Production figures represent product shipments from specific locations at the values shown by the shippers.

Lead - Production includes:

Recoverable lead (metal paid for) in ores and concentrates shipped for export or shipped to either Brunswick Mining and Smelting Corporation, Belledune, N.B; or Cominco Ltd. Trail, B.C.

Value is based on settlement value as reported or when settlement value is not available it is based on the average yearly industry price x volume.

Magnesium - Chromasco, A Division of Timminco Limited. Haley Ontario, is the only Canadian Producer. Output figures represent magnesium metal, plus magnesium content of alloys, values are those shown by the shipper.

Nickel - Production includes:

(a) Refined and electrolytic nickel produced at Canadian refineries, valued at the average price obtained for such products sold during the year.

(b) Nickel in nickel oxides and in nickel salts sold from Canadian smelters and refineries during the year at the total selling value of these products.

(c) Nickel in matte shipped for export from Canada valued at average yearly industry price x volume.

Platinum group metals - Production includes:

(a) Recoverable metals in smelter and refinery products shipped for export.

Beginning with 1946, the platinum metals production is the assay content of concentrates and refinery residues shipped for export, plus the platinum group metal content of the matte shipped for export. Quantities as reported are valued at average yearly industry price x volume.

Selenium - Selenium is produced as by-product by Inco Limited and Kidd Creek Mines Limited. Value is based on the average yearly industry price x volume.

Tellurium - Tellurium is produced as by-product by Inco limited at Copper Cliff Ontario. Value is based on the average yearly industry price x volume.

Silver - Production includes:

(a) Silver in crude bullion obtained direct from lode gold mines.

(b) Silver in blister copper made at copper smelters.

(c) Silver in base bullion made at lead refineries.

(d) Silver in all types of ores shipped for export.

(e) Silver in nickel-copper matte shipped for export.

(f) Silver in platinum-palladium concentrates shipped for export.

Total silver, as computed from above, is valued at the average yearly industry price x volume.

Tin - Canada has no commercial tin deposits. A small tonnage is recovered as a by-product by a base metal mine and value is based on settlement value as reported.

Uranium - Production consists of the uranium content of precipitates shipped with values as reported by the producers.

Zinc - Production includes:

(a) Refined zinc made by Kidd Creek Mines at Timmins Ltd., Ontario from their own ores.

(b) Recoverable zinc (metal paid for) in concentrates shipped for export or shipped to the following domestic smelters: Canadian Electrolytic Zinc Ltd., Valleyfield, Quebec; Cominco Ltd., Trail, B.C. and Hudson Bay Mining and Smelting, Flin Flon, Manitoba.

Value is based on settlement value as reported or when settlement value is not available it is based on the average yearly industry price x volume.

Barite - Production is the shipments at the selling value, f.o.b. shipping point.

Gemstones - Production represents the tonnage of crude ore and the value is that reported by the operator.

Gypsum - Production is taken as the tonnage of crude gypsum shipped from quarries or mines in the lump, crushed, or fine ground forms. The value is that reported by the operators.

Nepheline Syenite - Production of crude and ground nepheline syenite is the amount of the various grades shipped at the total selling value, f.o.b. works.

Quartz - Production represents the tonnage of crude or pulverized quartz, quartzite and pure silica sand shipped for sale, by the producer. The value is taken as reported by producer.

Salt - Production is taken as the tonnage of various grades of dry salt shipped by primary producers, plus salt content of brine used by producers for industrial (chemical) purposes. The value is that reported by producers.

Talc - Production represents the tonnage of any crude talc shipped, plus any milled or refined talc shipped from mills operated in conjunction with the mines. The value is taken as reported by the mine and mill operators.

Sulphur, in smelter gas - Prior to final metal recovery sulphide concentrates are smelted or roasted and the resultant gases may be used to produce a marketable sulphur dioxide or sulphuric acid. Production is considered as the sulphur content of sulphuric acid made and sulphur dioxide marketed. This sulphur is valued at the average price for sulphur in pyrite concentrates.

Sulphur elemental shipments and values are reported by two major oil refineries in Ontario.

Natural Gas - Production is taken as all new production less flared field production as measured at the first well head metering point. It also includes gas reproduced from fields less injected gas. Natural gas produced by gas processing plants are valued after deducting quantity returned to formation. In addition, for purposes of valuation, processing shrinkage is deducted from natural gas volume.

Crude oil - Production is taken as all production less that portion returned to formation, valued at well head prices. Production derived from crude bitumen (synthetic crude) is valued at the processing plant gate.

Structural Materials - Canadian mining statistics include the production of structural materials, such as cement, lime, stone, sand and gravel and bricks made from clay. There is very little production in Canada of clay for sale to brick works, or stone to cement works, and since the raw material has no value until turned into a saleable product, it has been the practice, since mineral production statistics have been compiled in Canada, to count the production of structural materials as part of the mineral production of the country.

Cement (Portland, masonry and cement clinker) - Production represents quantities shipped. Value is as reported by the producer.

Clay products - Production represents shipments of brick and other clay products made from domestic clays.

Lime - Production represents the tonnage of hydrated and quicklime shipped (sold by the producer) together with the tonnage of these limes produced and consumed by the producers of chemicals and allied products. The values taken are as reported by the producer. 1980 - 1984 production includes lime produced for captive use.

Sand and Gravel - Production represents shipments at the values reported by operators of sand and gravel pits or dredges.

In 1979 and 1980 the coverage of the Census of Sand and Gravel operation was increased to include hundreds of small operations.

Stone - Production represents quarry shipments of crude or undressed stone, crushed stone, and dressed stone, if the latter is prepared by the quarry operators at values as reported by the operators. The figures include data for both private and public or municipally-owned properties.

SIC NO.	STANDARD INDUSTRIAL CLASSIFICATION	MINERAL COMMODITY GROUP
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*		
510	PLACER GOLD MINES	METALLIC MINERAL
520	GOLD QUARTZ MINES	METALLIC MINERAL
570	URANIUM MINES	METALLIC MINERAL
580	IRON MINES	METALLIC MINERAL
591	COPPER-GOLD-SILVER M	METALLIC MINERAL
592	NICKEL-COPPER MINES	METALLIC MINERAL
593	SILVER-COBALT MINES	METALLIC MINERAL
594	SILVER-LEAD-ZINC M	METALLIC MINERAL
595	MOLYBDENUM MINES	METALLIC MINERAL
599	MISC. METAL MINES	METALLIC MINERAL

640 PETROLEUM & NAT. GAS FUELS

710	ASBESTOS MINES	NON-METALLIC MINERAL
720	PEAT BOG	NON-METALLIC MINERAL
730	GYPSUM MINES	NON-METALLIC MINERAL
791	TALC & SOAPSTONE M	NON-METALLIC MINERAL
792	FELDSPAR & QUARTZ M	NON-METALLIC MINERAL
793	SALT MINES	NON-METALLIC MINERAL
794	POTASH MINES	NON-METALLIC MINERAL
799	MISC. NON-METAL M	NON-METALLIC MINERAL

830	STONE QUARRIES	STRUCTURAL MATERIAL
831	GRANITE QUARRIES	STRUCTURAL MATERIAL
832	LIMESTONE QUARRIES	STRUCTURAL MATERIAL
833	MARBLE QUARRIES	STRUCTURAL MATERIAL
834	SANDSTONE QUARRIES	STRUCTURAL MATERIAL
835	SHALE QUARRIES	STRUCTURAL MATERIAL
836	SLATE QUARRIES	STRUCTURAL MATERIAL
837	MARL QUARRIES	STRUCTURAL MATERIAL
870	SAND AND GRAVEL PITS	STRUCTURAL MATERIAL

2910	IRON & STEEL MILLS	METALLIC MINERAL
2950	SMEETING & REFINING	METALLIC MINERAL
3510	CLAY PRODUCTS MANUF.	STRUCTURAL MATERIAL
3520	CEMENT MANUFACTURERS	STRUCTURAL MATERIAL
3580	LIME MANUFACTURERS	STRUCTURAL MATERIAL

* BASED ON 1970 STANDARD INDUSTRIAL CLASSIFICATION MANUAL

Addresses of the Major Companies
of The Mineral Industry of Ontario

Note: the smaller Sand and Gravel and Stone companies are not listed here because they number in the thousands but a complete list is available on request. Many tables and graphs in this report do include data from the smaller Sand and Gravel and Stone companies, for example, Reports 2, 9, 10, and 11.

This list of addresses does not necessarily identify the Location of the mineral production. Each address is that of the office from which we obtain information. Location in this report goes to the County level. Other reports which identify mineral production to the Township level are available on special request.

The third number in the first line of each address refers to the Standard Industrial Classification (SIC) in which that particular company is included. For example, in the first address Campbell Red Lake Ltd. is a Gold Quartz Mine (SIC 520).

The addresses are grouped by SIC and within that SIC are listed in alphabetical order.

0 5 520 3541 # 0 ASARCO INC. ATTN. MINE MANAGER (AQUARIUS MINE) P.O. BOX 130 PORCUPINE ONTARIO PON 1HO	0 5 520 3541 # 0 CAMPBELL RED LAKE MINES LTD (MINING) PO BALMERTON ONTARIO POV 1CO	0 5 520 3541 # 0 CONSOLIDATED LOUANHA GOLD MINE ATTENTION: MINE MANAGER C/O MINING CORP. OF CANADA C.P./ P.O. BOX 2007 SOUTH PORCUPINE ONTARIO PON 1HO
0 5 520 3541 # 0 DICKENSON-SULLIVAN JOINT VENTURE (ARTHUR WHITE MINE) PO BALMERTON ONTARIO POV 1CO	0 5 520 3541 # 0 DOME MINES LTD ATTN J M REID ACCT PO SOUTH PORCUPINE ONTARIO PON 1HO	0 5 520 3541 # 0 GOLDLUND MINES LTD. ATTN. MINE MANAGER BOX 781 DRYDEN ONTARIO PBN 274
0 5 520 3541 # 0 INCO/QUEENSTON JOINT VENTURE ATTN. MINE MANAGER (MCBEAN MINE) DOBIE ONTARIO POK 180	0 5 520 3541 # 0 KERR ADDISON MINES LIMITED MANAGER (VIRGINIATOWN MINE) PO VIRGINIATOWN ONTARIO POK 1X0	0 5 520 3541 # 0 KIDD CREEK MINES LTD. ATTN. MR. GEORGE BALLANTYNE (OML CREEK MINE) P.O. BOX 175, COMMERCE COURT WEST TORONTO ONTARIO MBL 1E7
0 5 520 3541 # 0 LAC MINERALS LTD ATTN. MINE MANAGER (LAKE SHORE DIVISION) P.O BOX 670 KIRKLAND LAKE ONTARIO P2N 3K2	0 5 520 3541 # 0 LAC MINERALS LTD. (MACASSA DIVISION) BOX 550 KIRKLAND LAKE ONTARIO P2N 3J7	0 5 520 3541 # 0 NORTHERN CONCENTRATORS LTD ATTN. MR. BEN COMAN (CROOKED GREEN CREEK MINE) 5757 CAVENDISH BLVD. MONTREAL QUEBEC HAM 2H8
0 5 520 3541 # 0 PAMOUN PORCUPINE MINES LTD BOX 45 COMMERCE COURT WEST TORONTO ONTARIO H5L 1B4	0 5 520 3541 # 0 RENABIE MINES (1981) LTD. ATTN. OFFICE MANAGER MISSANABIE ONTARIO PON 2H0	0 5 520 3541 # 0 TECK CORPORATION LTD. ATTN. MINE MANAGER (LEITCH DIVISION) P.O. BOX 115 BEARDMORE ONTARIO POT 1G0
0 5 520 3541 # 0 THE DETOUR LAKE MINE ATTN. MINE MANAGER 130 WILSON AVENUE TIMMINS ONTARIO P4N 2S9	0 5 520 3541 # 0 WESTFIELD MINERALS LTD. ATTN. T.H. CRANDELL (SCADDING GOLD MINE) P.O. BOX 143 TORONTO ONTARIO H5X 1C7	
0 5 570 3541 # 0 DENISON MINES LTD ATTN CORPORATE MANAGER (URANIUM MINE) PO BOX 40 ROYAL BANK PLAZA TORONTO ONTARIO H5J 2K2	0 5 570 3541 # 0 RIO ALGON LTD (ELLIOT LAKE PRODUCING MINES) 120 ADELAIDE ST W TORONTO ONTARIO H5H 1T1	

0 5 580 3551 # 0	0 5 580 3551 # 0	0 5 580 3551 # 0
ALGOMA STEEL CORPORATION LIMITED	CLIFFS OF CANADA LTD	CLIFFS OF CANADA LTD
ATTN MR E A DIAK	(SHERMAN MINE)	(THE ADAMS MINE)
(ALGOMA ORE DIVISION)	PO BOX 217	BOX 877
PO	TEMAGAMI	KIRKLAND LAKE
MANA	ONTARIO	ONTARIO
ONTARIO	POM 2H0	P2N 3K7
POS 1K0		

0 5 580 3551 # 0
THE GRIFFITH MINE

RED LAKE	POV 2H0
ONTARIO	

0 5 591 3521 # 0	0 5 591 3561 # 0	0 5 591 3561 # 0
KIDD CREEK MINES LTD	MATTABI MINES LIMITED	NORANDA MINES LIMITED
ATTN ACCOUNTING MANAGER		(LYON LAKE DIVISION)
(MINE)		P.O. BOX 190
PO BOX 175 COMMERCE COURT WEST	PO BOX 190	IGNACE
TORONTO	IGNACE	ONTARIO
ONTARIO	ONTARIO	POT 1T0
MSL 1E7	POT 1T0	

0 5 591 3561 # 0
NORANDA MINES LTD
ATTN. P. NELSON
(GECO DIV)
PO BOX 100
MANITOWADGE
ONTARIO
POT 2C0

0 5 592 3521 # 0	0 5 592 3521 # 0
FALCONBRIDGE LTD.	INCO LIMITED
ATTN. R.D. BURROW	ATTN. COMPTROLLER
(ONTARIO MINES)	(ONTARIO PRODUCING MINES)
PO BOX 40 COMMERCE COURT WEST	COPPER CLIFF
TORONTO	ONTARIO
ONTARIO	POM 1W0
MSL 1B4	

0 5 593 3561 # 0
AGNICO-EAGLE MINES LIMITED
(SILVER DIVISION)
BOX 140
COBALT
ONTARIO
POJ 1C0

0 5 720 3621 # 0
ATKINS & DUBROW LTD
(MAINFLEET TWP)
402-1755 WEST BROADWAY
VANCOUVER
BRITISH COLUMBIA
V6J 4S5

0 5 730 3581 # 0 CANADIAN GYPSUM COMPANY LIMITED (HAGERSVILLE ONT MINE) BOX 4034 TERMINAL A TORONTO ONTARIO	MSW 1K8	0 5 730 3581 # 0 DONTAR INC (CONSTR MATERIAL GROUP) (CALEDONIA-MINE REPORT ONLY) 395 DE MAISONNEUVE BLVD N MONTREAL QUEBEC	M3A 1L6	0 5 730 3581 # 0 MESTROC INDUSTRIES LIMITED ATTN CONTROLLER (DRUMBO MINE-ONT) 2650 LAKESHORE ROAD MISSISSAUGA ONTARIO	L5J 1K4
0 5 791 3631 # 0 CANADA TALC INDUSTRIES LTD		0 5 791 3631 # 0 STEETLEY TALC LIMITED			
P O BOX 250 MADOC ONTARIO	KOK 2K0	BOX 2029 STATION A HAMILTON ONTARIO	L8H 3R5		
0 5 792 3601 # 0 INDUSHIN LIMITED (ONTARIO SILICA DIVISION) 365 BLOOR ST E SUITE 200 TORONTO ONTARIO	MAN 3L4	0 5 792 3601 # 0 INDUSHIN LIMITED ATTN CHIEF ACCOUNTANT (NEPHELINE SYENITE DIVISION) 365 BLOOR ST E SUITE 200 TORONTO ONTARIO	MAN 3L4	0 5 792 3601 # 0 INTERNATIONAL MINERALS & CHEMICAL CORP N OF (CANADA) LTD (BLUE MOUNTAIN MINE) BOX 280 HAYESVILLE ONTARIO	KOL 1Z0
0 5 793 3591 # 0 DONTAR INC SIFTO SALT DIVISION (ROCK SALT MINE-GODERICH) 1136 MATHESON BLVD. MISSISSAUGA ONTARIO	L4H 2V4	0 5 793 3591 # 0 THE CANADIAN SALT CO. LTD ATTENTION: CONTROLLER (GJIMWAY MINE) 4 ROBERT SPECK PARKWAY MISSISSAUGA ONTARIO	L4Z 1S1		
0 5 799 3631 # 0 EXTENDER MINERALS OF CANADA LTD R A HILL 6365 NORTHWEST DR. MISSISSAUGA ONTARIO	L4V 1J8	0 5 799 3631 # 0 HEDMAN RESOURCES LTD ATTN. MR. J.J. MANGAN, PRES. BOX 590 TIMMINS ONTARIO	P4W 7E7	0 5 799 3631 # 0 ONTARIO GEM COMPANY ATTN. MR. PETER MARINO R.R. #13, SITE 15-26 THUNDER BAY ONTARIO	P7B 5E4
0 5 799 3631 # 0 PRECIOUS PURPLE GEMSTONES LTD.					
P.O. BOX 232 THUNDER BAY ONTARIO	P7C 4X7				
0 5 831 3641 # 0 3 M CANADA INC ATTN: MR. D. C. POLLOCK BOX 5757 LONDON ONTARIO	M6A 4T1				

0 5 832 3641 # 0 ALLIED CHEMICAL DIV OF ALLIED CANADA INC. GENERAL ACCOUNTING 201 CITY CENTRE DRIVE MISSISSAUGA ONTARIO L5B 3A3	0 5 832 3641 # 0 AMHERST QUARRIES (1969) LTD BOX 26 AMHERSTBURG ONTARIO N9V 2Z2	0 5 832 3641 # 0 AMORO AGGREGATES DIV. OF UNITED AGGREGATES LTD. (OTTAWA LIMESTONE) 35 VAN KIRK DR., UNIT 20A BRAMPTON ONTARIO L7A 1A5
0 5 832 3641 # 0 BEACHWILME LIMITED (LINE QUARRY) BOX 190 INGERSOLL ONTARIO N5C 3K5	0 5 832 3641 # 0 BERTRAND & FRERE CONSTRUCTION CO LTD (CALCAIRES) PO L ORIGNAL ONTARIO K0B 1K0	0 5 832 3641 # 0 CANADA CEMENT LAFARGE LTD (LINESTONE WOODSTOCK) 240 DUNCAN HILL RD DON MILLS ONTARIO M3B 1Z4
0 5 832 3641 # 0 CANFARGE LTD/LTEE (FRANCON DIV - QUARRIES ONTARIO) P.O. BOX 8464 OTTAWA ONTARIO K1G 3K2	0 5 832 3641 # 0 CANFARGE LTD/LTEE (PERMANENT CONCRETE DIV) PO BOX 190 BROCKVILLE ONTARIO K6V 5V2	0 5 832 3641 # 0 DUFFERIN AGGREGATES (MILTON DIV) 620 WILSON AVE., SUITE 400 DONMISVIE ONTARIO M3K 2A4
0 5 832 3641 # 0 DUNNVILLE ROCK PRODUCTS LTD 211 GEORGE ST DUNNVILLE ONTARIO N1A 2T5	0 5 832 3641 # 0 GORMLEY SAND & GRAVEL LTD (CORDEN QUARRY) BOX 39 GORMLEY ONTARIO L0H 1G0	0 5 832 3641 # 0 INDUSMIN LIMITED (HALTON CRUSHED STONE LIMITED) (MILTON) 365 BLOOR ST E SUITE 200 TORONTO ONTARIO M4M 3L4
0 5 832 3641 # 0 INDUSMIN LIMITED (UNITED AGGREGATES LIMITED) (HALTON HILLS-ACTON) 365 BLOOR ST E SUITE 200 TORONTO ONTARIO M4M 3L4	0 5 832 3641 # 0 LAC MINERALS LIMITED (MILTON LIMESTONE) BOX 7 MILTON ONTARIO L9T 2Y3	0 5 832 3641 # 0 MC KEAN QUARRIES LIMITED BOX 340 COLLINGWOOD ONTARIO L9V 3Z7
0 5 832 3641 # 0 NELSON AGGREGATE COMPANY ATTN: MR. J. E. CAMPBELL P.O. BOX 1070, STA. "B" BURLINGTON ONTARIO L7P 3S9	0 5 832 3641 # 0 PORT COLBORNE QUARRIES LTD PO BOX 275 PORT COLBORNE ONTARIO L3K 5H1	0 5 832 3641 # 0 RIDGEHOUNT QUARRIES LTD PO BOX 100 THOROLD ONTARIO L2V 3Y8
0 5 832 3641 # 0 ST LAWRENCE CEMENT CO (COLBORNE) 2391 LAKESHORE RD W MISSISSAUGA ONTARIO L5J 1K1	0 5 832 3641 # 0 ST MARYS CEMENT COMPANY (BONNHAVILLE) PO BOX 68 BONNHAVILLE ONTARIO L1C 3K8	0 5 832 3641 # 0 ST MARYS CEMENT LIMITED (ST MARYS) PO BOX 1000 ST MARYS ONTARIO N0M 2V0

0 5 832 3641 # 0 STANDARD AGGREGATES DIVISION STANDARD INDUSTRIES LIMITED (MALDIMAND QUARRIES) PO BOX 210 RODICK ROAD MARKHAM ONTARIO L3P 3J7	0 5 832 3641 # 0 STANDARD AGGREGATES DIVISION STANDARD INDUSTRIES LIMITED (BRECHIN CRUSHED STONE CO) RODICK RD BOX 210 MARKHAM ONTARIO L3P 3J7	0 5 832 3641 # 0 STEETLEY INDUSTRIES LTD (CANADA CRUSHED STONE DIV-DUNDAS) BOX 2029 STATION A HAMILTON ONTARIO L8N 3R5
0 5 832 3641 # 0 STEETLEY INDUSTRIES LTD QUEENSTON QUARRIES DIVISION (NIAGARA FALLS) BOX 2029 STATION A HAMILTON ONTARIO L8N 3R5	0 5 832 3641 # 0 TARO PROPERTIES INC (TARO AGGREGATES DIV) 341 1ST ROAD WEST HAMILTON ONTARIO L8J 1M4	0 5 832 3641 # 0 VINELAND QUARRIES & CRUSHED STONE LTD BOX 100 THOROLD ONTARIO L2V 3Y8
0 5 832 3641 # 0 WALKER BROS QUARRIES BOX 100 THOROLD ONTARIO L2V 3Y8		
0 5 870 3652 # 0 ADAMS SAND & GRAVEL LTD ATTN: MR. MORNINGSTAR RR 3 CHATHAM ONTARIO N7M 5J3	0 5 870 3652 # 0 ARNBRO AGGREGATES DIV. OF UNITED AGGREGATES LTD. (BOVAIRD & CALEDON) 35 VAN KIRK DR., UNIT 20A BRAMPTON ONTARIO L7A 1A5	0 5 870 3652 # 0 BURNSIDE SAND & GRAVEL LTD ATTN: D. BURNSIDE RR 7 MOODIE DR NEPEAN ONTARIO K2H 7V2
0 5 870 3652 # 0 CALEDON SAND & GRAVEL LTD 5086 LAWRENCE AVE TORONTO ONTARIO M6A 1A1	0 5 870 3652 # 0 CANADA BUILDING MATERIALS ATTN: MR. O'REILLY (SUNDERLAND OPERATIONS) 55 INDUSTRIAL STREET TORONTO ONTARIO M4G 3M9	0 5 870 3652 # 0 ETHIER SAND & GRAVEL LTD 2589 IDA ST SUDBURY ONTARIO P3E 4N2
0 5 870 3652 # 0 FORNELL LTD BOX 1146 KITCHENER ONTARIO N2G 4G1	0 5 870 3652 # 0 FRANCESCHINI BROS AGGREGATES LTD HARRIS PAVING & MAT'LS GROUP LTD. 2531 CANTHRA RD. MISSISSAUGA ONTARIO L5A 2M7	0 5 870 3652 # 0 GASTON H POULIN CONTRACTORS LTD BOX 2200 HEARST ONTARIO POL 1N0
0 5 870 3652 # 0 GORNLEY SAND & GRAVEL LTD BOX 39 GORNLEY ONTARIO L0H 1G0	0 5 870 3652 # 0 HIGHLAND CREEK SAND & GRAVEL LTD BOX 130 WEST HILL ONTARIO N1E 4R4	0 5 870 3652 # 0 HUROH GRAVEL LIMITED R. R. #3 CHATHAM ONTARIO N7M 5J3

0 5 870 3652 # 0 J C DUFF LTD	0 5 870 3652 # 0 JAMES MURRAY CONSTRUCTION LTD	0 5 870 3652 # 0 LEE SAND & GRAVEL LTD
GENERAL DELIVERY LINEHOUSE ONTARIO LOP 1H0	BOX 40 MOOREFIELD ONTARIO NOG 2K0	8 GOLDFORN DRIVE REXDALE ONTARIO M9M 2H5
0 5 870 3652 # 0 NELSON AGGREGATE CO.	0 5 870 3652 # 0 PINEMOOD AGGREGATES LIMITED	0 5 870 3652 # 0 PRESTON SAND & GRAVEL COMPANY LIMITED (CAMBRIDGE PLANT) 1771 EAGLE ST N CAMBRIDGE-PRESTON ONTARIO N3M 4R7
P.O. BOX 1070, STATION "B" BURLINGTON ONTARIO L7P 3S9	BOX 1138 LAKEFIELD ONTARIO KOL 2H0	
0 5 870 3652 # 0 SOUTH HINDS SAND & GRAVEL LIMITED	0 5 870 3652 # 0 SPRINGBANK SAND & GRAVEL LTD	0 5 870 3652 # 0 STANDARD AGGREGATES (MONO HILLS) P.O. BOX 210, RODICK ROAD MARKHAM ONTARIO L3P 3J7
764 WHARFCLIFFE RD S LONDON ONTARIO N6J 2N4	7204 WALKERS LINE MILTON ONTARIO L9T 2X6	
0 5 870 3652 # 0 STANDARD AGGREGATES (STOUFVILLE) P.O. BOX 210, RODICK ROAD MARKHAM ONTARIO L3P 3J7	0 5 870 3652 # 0 STANDARD AGGREGATES (GUELPH) P.O. BOX 210, RODICK ROAD MARKHAM ONTARIO L3P 3J7	0 5 870 3652 # 0 STANDARD AGGREGATES PICKERING PLANT P.O. BOX 210, RODICK ROAD MARKHAM ONTARIO L3P 3J7
0 5 870 3822 # 0 STANDARD INDUSTRIES LTD (NORTH BAY) 180 SHERRIFF AVE NORTH BAY ONTARIO P1B 7K9	0 5 870 3652 # 0 STEBBINS PAVING & CONSTRUCTION LTD RR # 4 THAMESFORD ONTARIO N0M 2H0	0 5 870 3652 # 0 STEED & EVANS LIMITED (MATERIALS DIVISION ONTARIO) PO BOX 46 HEIDELBERG ONTARIO N0B 1Y0
0 5 870 3652 # 0 SUPERIOR-CRAMFORD SA. & GRAV. LTD.	0 5 870 3652 # 0 T C G MATERIALS LIMITED (LONDON PITS) P.O. BOX 1390 BRANTFORD ONTARIO N3T 5T6	0 5 870 3652 # 0 T C G MATERIALS LTD (PRESTON) BOX 1390 BRANTFORD ONTARIO N3T 5T6
PO BOX 70 MAPLE ONTARIO LOJ 1E0		
0 5 870 3652 # 0 T C G MATERIALS LTD (BRANTFORD TWP PIT) BOX 1390 BRANTFORD ONTARIO N3T 5T6	0 5 870 3652 # 0 TRT SAND & GRAVEL PO BOX 250 ORONO ONTARIO LOB 1H0	

0 5 2950 951 # 0 AGNICO-EAGLE MINES LTD. (SILVER REFINERY) P.O. BOX 140 COBALT ONTARIO	POJ 1C0	0 5 2950 951 # 0 CHROMASCO LIMITED A DIV. OF TIMMINCO LTD. HALEY ONTARIO	K0J 1Y0	0 5 2950 951 # 0 ELDORADO RESOURCES LTD. ATTN. EDITH LOM (BLIND RIVER REFINERY) 255 ALBERT STREET OTTAWA ONTARIO	K1P 6A9
0 5 2950 951 # 0 ELDORADO RESOURCES LTD. ATTN. MR. RON KINSEY PORT HOPE REFINERY 255 ALBERT STREET OTTAWA ONTARIO	K1P 6A9	0 5 2950 951 # 0 FALCONBRIDGE LTD. ATTN. R.D. BURROW (SUDBURY SMELTER) BOX 40 COMMERCE COURT WEST TORONTO ONTARIO	M5L 1B4	0 5 2950 951 # 0 INCO LIMITED ATTN. COMPTROLLER (PORT COLBORNE NICKEL REFINERY) COPPER CLIFF ONTARIO	POM 1W0
0 5 2950 951 # 0 INCO LIMITED ATTN. COMPTROLLER (COPPER CLIFF SMELTER & MATTE PROC) COPPER CLIFF ONTARIO	POM 1W0	0 5 2950 951 # 0 INCO LIMITED ATTN. COMPTROLLER (COPPER REFINERY) COPPER CLIFF ONTARIO	POM 1W0	0 5 2950 951 # 0 INCO LIMITED ATTN. COMPTROLLER (IRON ORE RECOVERY PLANT) COPPER CLIFF ONTARIO	POM 1W0
0 5 2950 951 # 0 INCO LIMITED ATTN. COMPTROLLER (COPPER CLIFF NICKEL REFINERY) COPPER CLIFF ONTARIO	POM 1W0	0 5 2950 951 # 0 KIDD CREEK MINES LTD. (COPPER REFINERY) P.O. BOX 175 COMMERCE COURT WEST TORONTO ONTARIO	M5L 1E7	0 5 2950 951 # 0 KIDD CREEK MINES LTD. (ZINC PLANT) PO BOX 175 SUITE 5000 COMMERCE COURT WEST TORONTO ONTARIO	M5L 1E7
0 0 3510 0 # 0 AMOS C. MARTIN LTD. (MALLENSTEIN) ATTN. OFFICE MGR. P.O. BOX 157 PARKHILL ONTARIO	N0B 250	0 0 3510 0 # 0 AMOS C. MARTIN LTD. (PARKHILL) ATTN. OFFICE MGR, BOX 157 PARKHILL ONTARIO	NOM 2K0	0 0 3510 0 # 0 BLUE MOUNTAIN POTTERY LTD. (COLLINGWOOD PLANT) MOUNTAIN ROAD COLLINGWOOD ONTARIO	L9Y 3Z3
0 0 3510 0 # 0 BRAMPTON BRICK LTD. ATTN. OFFICE MGR. 514 MAIN ST. N. BRAMPTON ONTARIO	L6V 1P9	0 0 3510 0 # 0 DOCHART CLAY PRODUCTS ATTN. J.S. MC KAY P.O. BOX 250 ARNPRIOR ONTARIO	K7S 3M6	0 0 3510 0 # 0 DOMTAR INC. (CLAY DIV. OTTAWA) ATTN. ACCOUNT. CLERK 2001 UNIVERSITY ST. MONTREAL QUEBEC	H3A 2A6
0 0 3510 0 # 0 DOMTAR INC. (COOKSVILLE PLANT) ATTN. ACCOUNTING CLERK 2001 UNIVERSITY STREET MONTREAL QUEBEC	H3A 2A6	0 0 3510 0 # 0 DRESDEN TILE YARD 1981 LTD. RR 2 DRESDEN ONTARIO	NOP 1M0	0 0 3510 0 # 0 GEORGE COULTIS & SON LTD. (DRAIN TILE MFG.) ATTN. ALLAN HANKINS BOX 10 THEDFORD ONTARIO	NOM 2W0

0 0 3510 0 # 0	0 0 3510 0 # 0	0 0 3510 0 # 0
HAMILTON BRICK LTD. 215 KENSINGTON AVE, S. HAMILTON ONTARIO	JANNOCK LIMITED (STREETSVILLE PLANT) CANADA BRICK DIV. P.O. BOX 668 STREETSVILLE ONTARIO	JANNOCK LIMITED (BURLINGTON PLANT) CANADA BRICK DIV. P.O. BOX 668 STREETSVILLE ONTARIO
L8H 3H6	L5M 2C3	L5M 2C3
0 0 3510 0 # 0	0 0 3510 0 # 0	0 0 3510 0 # 0
JANNOCK LIMITED (F.B. MC FARREN PLANT) CANADA BRICK DIV. P.O. BOX 248 STREETSVILLE ONTARIO	NATIONAL SEWER PIPE LTD. CAN. VIT. PROD. DIV. ATTN. P. DOPPLER 60 BURHELL RD. ST. THOMAS ONTARIO	NORMICH BRICK & TILE ATTN. HENRY KLEEN RR 3 NORMICH ONTARIO
L7R 2B8	M5P 3R6	M0J 1P0
0 0 3510 0 # 0	0 0 3510 0 # 0	
THE POTTERY STUDIO 15 BALSAM STREET COLLINGWOOD ONTARIO	UNITED CERAMICS LTD. (TORONTO BRICK DIV.) ATTN. CONTROLLER 1425 BAYVIEW AVE. TORONTO ONTARIO	
L9V 4H7	M4G 3B1	
0 0 3520 0 # 0	0 5 3520 381 # 0	0 0 3520 0 # 0
CANADA CEMENT LAFARGE LTD. (WOODSTOCK) ATTN. ACC. MANAGER 240 DUNCAN ROAD DON MILLS ONTARIO	CANADA CEMENT LAFARGE LTD. (BATH PLANT) ATTN. ACC. MANAGER 240 DUNCAN ROAD DON MILLS ONTARIO	FEDERAL WHITE CEMENT LTD. ATTN. ACCOUNTANT P.O. BOX 548 WOODSTOCK ONTARIO
M3B 3H4	M3B 3H4	M4S 7Y5
0 0 3520 0 # 0	0 0 3520 0 # 0	0 0 3520 0 # 0
LAKE ONTARIO CEMENT LTD. (PICTON PLANT) 2 CARLTON ST. TORONTO ONTARIO	ST. LAWRENCE CEMENT INC. (LONDON & FT. WILLIAM) ATTN. CONTROLLER 2391 LAKESHORE RD. W. MISSISSAUGA ONTARIO	ST. MARY'S CEMENT LTD. (ST. MARY'S PLANT) ATTN. ASST. COMPTROLLER 2200 YONGE ST. TORONTO ONTARIO
M5B 1J3	L5J 1K1	M4S 2C6
0 0 3520 0 # 0		
ST. MARY'S CEMENT LTD. (BONMANVILLE) ATTN. ASST. COMPTROLLER 2200 YONGE ST. TORONTO ONTARIO		
M4S 2C6		
0 0 3580 0 # 0	0 0 3580 0 # 0	0 0 3580 0 # 0
ALLIED CHEMICAL CAN. LTD. (AMHERSTBURG PLANT) 201 CITY CENTER MISSISSAUGA ONTARIO	BEACHVILLE LIMITED (GUELPH DOLINE) ATTN. COST ACCOUNT. BOX 190 INGERSOLL ONTARIO	BEACHVILLE LIMITED (BEACHVILLE PLANT) ATTN. COST ACCOUNT. BOX 190 INGERSOLL ONTARIO
L5B 3A3	M5C 3K5	M5C 3K5

METRIC CONVERSION FACTORS USED IN THIS REPORT

MINERAL COMMODITY	IMPERIAL UNIT		METRIC UNIT
ANTIMONY	POUNDS	= .4535923711000	KILOGRAMS
ASBESTOS	SHORT TONS	= .9071847423000	TONNES
BARITE	SHORT TONS	= .9071847423000	TONNES
BERYLLIUM	POUNDS	= .4535923711000	KILOGRAMS
BISMUTH	POUNDS	= .4535923711000	KILOGRAMS
CADMIUM	POUNDS	= .4535923711000	KILOGRAMS
CALCIUM	POUNDS	= .4535923711000	KILOGRAMS
CEMENT	SHORT TONS	= .9071847423000	TONNES
CHROMITE	SHORT TONS	= .9071847423000	TONNES
CLAY PRODUCTS	UNITS?	= .0000000000000	UNITS?
COAL	SHORT TONS	= .9071847423000	TONNES
COBALT	POUNDS	= .4535923711000	KILOGRAMS
COLUMBIUM (CB205)	POUNDS	= .4535923711000	KILOGRAMS
COPPER	POUNDS	= .4535923711000	KILOGRAMS
FLOURSPAR	SHORT TONS	= .9071847423000	TONNES
GEMSTONES	SHORT TONS	= .9071847423000	TONNES
GOLD	TROY OUNCES	= 31.1034767600000	GRAMS
GYPSUM	SHORT TONS	= .9071847423000	TONNES
IRON ORE	SHORT TONS	= .9071847423000	TONNES
LEAD	POUNDS	= .4535923711000	KILOGRAMS
LIME	SHORT TONS	= .9071847423000	TONNES
MAGNESIUM	POUNDS	= .4535923711000	KILOGRAMS
MAGNESITIC DOLOMITE	SHORT TONS	= .9071847423000	TONNES
MICA	POUNDS	= .4535923711000	KILOGRAMS
MOLYBDENUM	POUNDS	= .4535923711000	KILOGRAMS
NATURAL GAS	M CU FEET	= 28.31684994000	K CU METRE
NATURAL GAS BY-PROD.	CUBIC FEET	= .0283168470400	CUBIC METRES
NEPHELINE SYENITE	SHORT TONS	= .9071847423000	TONNES
NICKEL	POUNDS	= .4535923711000	KILOGRAMS
PALLADIUM	TROY OUNCES	= .0311034767600	KILOGRAMS
PEAT	SHORT TONS	= .9071847423000	TONNES
PETROLEUM	BARRELS	= .1589872948000	CU METRE
PLATINUM	TROY OUNCES	= .0311034767600	KILOGRAMS
PLATINUM GROUP	TROY OUNCES	= .0311034767600	KILOGRAMS
POTASH	SHORT TONS	= .9071847423000	TONNES
PYRITE PYRRHOTITE	SHORT TONS	= .9071847423000	TONNES
QUARTZ	SHORT TONS	= .9071847423000	TONNES
SALT	SHORT TONS	= .9071847423000	TONNES
SAND & GRAVEL	SHORT TONS	= .9071847423000	TONNES
SELENIUM	POUNDS	= .4535923711000	KILOGRAMS
SILVER	TROY OUNCES	= .0311034767600	KILOGRAMS
SOAPSTONE, TALC	SHORT TONS	= .9071847423000	TONNES
SODIUM SULPHATE	SHORT TONS	= .9071847423000	TONNES
STONE	SHORT TONS	= .9071847423000	TONNES
SULPHUR	SHORT TONS	= .9071847423000	TONNES
TANTALUM (TA205)	POUNDS	= .4535923711000	KILOGRAMS
TELLURIUM	POUNDS	= .4535923711000	KILOGRAMS
THORIUM	POUNDS	= .4535923711000	KILOGRAMS
TIN	POUNDS	= .4535923711000	KILOGRAMS
TITANIUM DIOXIDE	SHORT TONS	= .9071847423000	TONNES
TUNGSTEN (W03)	POUNDS	= .4535923711000	KILOGRAMS
URANIUM (U)	POUNDS	= .4535923711000	KILOGRAMS
YTTRIUM (Y203)	POUNDS	= .4535923711000	KILOGRAMS
ZINC	POUNDS	= .4535923711000	KILOGRAMS

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YEAR	CONVERSION FACTOR
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USED TO CONVERT CURRENT DOLLARS
TO 1971 DOLLARS

1924	36.000000
1925	36.000000
1926	36.500000
1927	36.100000
1928	35.900000
1929	36.400000
1930	35.400000
1931	33.300000
1932	30.100000
1933	29.600000
1934	30.000000
1935	30.100000
1936	31.100000
1937	32.000000
1938	31.900000
1939	31.700000
1940	33.100000
1941	35.700000
1942	37.300000
1943	38.600000
1944	39.900000
1945	40.800000
1946	42.000000
1947	45.700000
1948	51.300000
1949	53.600000
1950	54.800000
1951	61.100000
1952	63.700000
1953	63.600000
1954	64.600000
1955	65.000000
1956	67.400000
1957	68.800000
1958	69.800000
1959	71.200000
1960	72.100000
1961	72.500000
1962	73.500000
1963	74.800000
1964	76.700000
1965	79.100000
1966	82.700000
1967	85.900000
1968	88.700000
1969	92.700000
1970	96.800000
1971	100.000000
1972	104.900000
1973	113.700000
1974	129.400000
1975	146.500000
1976	160.400000
1977	171.700000
1978	182.700000
1979	200.700000
1980	222.700000
1981	246.300000
1982	274.200000
1983	290.500000
1984	298.300000
1985	313.500000

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EMPLOYMENT AND EMPLOYEE PRODUCTIVITY IN ONTARIO

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STANDARD INDUSTRIAL CLASS	YEAR	TOTAL EMPLOYMENT	MINE PIT, QUARRY EMPLOYMENT	MILL PLANT, KILN EMPLOYMENT	ADMIN. AND OTHER EMPLOYMENT	PRODUCTION IN METRIC TONS	PRODUCTION PER EMPLOYEE			
							TOTAL	MINE PIT, QUARRY	MILL PLANT, KILN	ADMIN. AND OTHER
						ORE MILLED				
GOLD QUARTZ MINES SIC 0520	1967	6778	3990		2788	4483680	661	1123		1608
	1968	5905	3488		2417	4209112	712	1206		1741
	1969	5390	3195		2195	3930749	729	1230		1790
	1970	4735	2846		1889	3420402	722	1201		1810
	1971	4173	2469		1704	3063277	734	1240		1797
	1972	3681	2200		1481	2738433	743	1244		1849
	1973	3613	2149		1464	2645599	732	1231		1807
	1974	3715	2108		1607	2637154	709	1251		1641
	1975	3871	2203		1668	2740701	708	1244		1643
	1976	3185	1836		1349	2596320	815	1414		1924
	1977	2803	1644		1159	2542391	907	1546		2193
	1978	2909	1715		1194	2617528	899	1526		2192
	1979	2917	1720		1197	2409553	826	1400		2012
	1980	3150	2148	455	547	2985080	947	1389	6560	5457
	1981	3438	2147	702	589	2905887	845	1353	4139	4933
	1982	3272	2021	654	597	3508740	1072	1736	5365	5877
	1983	3578	2156	767	655	3595103	1004	1667	4687	5488
	1984	3823	2305	927	591	4692770	1227	2035	5062	7940
URANIUM MINES SIC 0570	1967	1695	892		803	2274730	1342	2550		2832
	1968	1826	962		864	2300402	1259	2391		2662
	1969	1871	998		873	2359160	1260	2363		2702
	1970	1775	943		832	2377905	1339	2521		2858
	1971	1689	896		793	2677216	1585	2987		3376
	1972	1652	867		785	2725867	1650	3144		3472
	1973	1616	847		769	2585963	1600	3053		3362
	1974	1643	856		787	2482315	1510	2899		3154
	1975	1929	1024		905	2545532	1319	2485		2812
	1976	2390	1266		1124	2879103	1204	2274		2561
	1977	3326	1630		1696	3878125	1166	2379		2286
	1978	3869	1882		1987	4871014	1258	2588		2451
	1979	4658	2602		2056	5339502	1146	2052		2597
	1980	4848	2987	641	1220	5808368	1198	1944	9061	4760
	1981	5172	3126	590	1456	6225565	1203	1991	10551	4275

NOTE: FOR 1979 AND PREVIOUS YEARS THE ADMIN AND MILL EMPLOYMENT VALUES ARE COMBINED AND REPORTED IN ADMIN COLUMN.

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EMPLOYMENT AND EMPLOYEE PRODUCTIVITY IN ONTARIO

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STANDARD INDUSTRIAL CLASS	YEAR	TOTAL EMPLOYMENT	MINE PIT, QUARRY EMPLOYMENT	MILL PLANT, KILN EMPLOYMENT	ADMIN. AND OTHER EMPLOYMENT	PRODUCTION IN METRIC TONS	PRODUCTION PER EMPLOYEE			
							TOTAL	MINE PIT, QUARRY	MILL PLANT, KILN	ADMIN. AND OTHER
						ORE MILLED		MILLED	PER EMPLOYEE	
URANIUM MINES	1982	4860	3157	489	1214	6953260	1430	2202	14219	5727
	1983	4642	3153	424	1065	6296101	1356	1996	14849	5911
SIC 0570	1984	4937	3431	444	1062	6999752	1417	2040	15765	6591
IRON MINES	1967	3185	539		2646	11998919	3767	22261		4534
	1968	3446	714		2732	18179639	5275	25461		6654
SIC 0580	1969	3315	877		2438	19498802	5881	22233		7997
	1970	3363	948		2415	20747484	6169	21885		8591
	1971	3392	921		2471	19485594	5744	21156		7885
	1972	3449	959		2490	22317986	6470	23272		8963
	1973	3660	1050		2610	23837109	6512	22702		9132
	1974	3704	1075		2629	23310888	6293	21684		8866
	1975	3834	1102		2732	21455497	5596	19469		7853
	1976	3869	1117		2752	23411267	6050	20959		8507
	1977	3772	1082		2690	22411355	5941	20712		8331
	1978	3597	1090		2507	24087596	6696	22098		9608
	1979	2952	885		2067	20281642	6870	22917		9812
	1980	2261	989	872	400	17259978	7633	17451	19793	43149
	1981	2168	886	861	421	16856999	7775	19025	19578	40040
	1982	1716	613	731	372	11427368	6659	18641	15632	30718
	1983	1512	565	590	357	10681791	7064	18905	18104	29920
	1984	1592	599	662	331	12662085	7953	21138	19127	38254
COPPER-GOLD-SILVER M	1967	2757	1051		1706	6773788	2456	6445		3970
	1968	2629	1032		1597	7170084	2727	6947		4489
SIC 0591	1969	2704	1040		1664	7320965	2707	7039		4399
	1970	2699	765		1934	7031141	2605	9191		3635
	1971	2594	947		1647	7180831	2768	7582		4359
	1972	2656	985		1671	7423210	2794	7536		4442
	1973	2474	955		1519	7095816	2868	7430		4671
	1974	2491	813		1678	7493131	3008	9216		4465
	1975	2947	855		2092	7131335	2419	8340		3408
	1976	3224	1004		2220	7386389	2291	7356		3327
	1977	3148	1040		2108	7895421	2508	7591		3745

NOTE: FOR 1979 AND PREVIOUS YEARS THE ADMIN AND MILL EMPLOYMENT VALUES ARE COMBINED AND REPORTED IN ADMIN COLUMN.

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STANDARD INDUSTRIAL CLASS	YEAR	TOTAL EMPLOYMENT	MINE PIT, QUARRY EMPLOYMENT	MILL PLANT, KILN EMPLOYMENT	ADMIN. AND OTHER EMPLOYMENT	PRODUCTION IN METRIC TONS	PRODUCTION PER EMPLOYEE			
							TOTAL	MINE PIT, QUARRY	MILL PLANT, KILN	ADMIN. AND OTHER
						ORE MILLED		MILLED	PER EMPLOYEE	
COPPER-GOLD-SILVER M	1978	2963	942		2021	7293407	2461	7742		3608
	1979	3351	1127		2224	7986826	2383	7086		3591
SIC 0591	1980	3349	1926	576	847	7629319	2278	3961	13245	9007
	1981	3427	1872	749	806	6964324	2032	3720	9298	8440
	1982	3231	1795	645	791	6520578	2018	3632	10109	8243
	1983	2923	1643	575	705	6325673	2164	3850	11001	8972
	1984	2895	1652	536	707	6586977	2275	3987	12289	9316
NICKEL-COPPER MINES	1967	12295	9381		2914	19100928	1553	2036		6554
	1968	12936	9644		3292	23513370	1817	2438		7142
SIC 0592	1969	13012	9361		3651	17005212	1306	1816		4657
	1970	14719	9677		5042	24363198	1655	2517		4832
	1971	15606	9999		5607	25296364	1620	2529		4511
	1972	13624	8245		5379	18477331	1396	2241		3435
	1973	13040	8088		4952	19159284	1449	2368		3868
	1974	13667	8328		5339	20514560	1501	2463		3842
	1975	14949	8471		6278	18705749	1251	2157		2977
	1976	14534	8451		6083	18112640	1244	2143		2980
	1977	13872	8026		5846	17422181	1255	2170		1849
	1978	11855	6907		4948	9153593	772	1325		1407
	1979	11514	5946		5568	7839314	680	1318		1261
	1980	11704	8952	885	1867	13556824	1158	1514	15318	6066
	1981	11384	8559	856	1969	11944050	1049	1395	13953	3038
	1982	10558	7937	773	1848	5615356	531	707	7244	6086
	1983	8515	6333	700	1482	9020014	1059	1424	12885	9428
	1984	8202	6061	691	1450	13671132	1666	2255	19784	
SILVER-COBALT MINES	1967	565	343		222	243595	431	710		1097
	1968	581	311		270	228029	392	733		844
SIC 0593	1969	518	277		241	402014	776	1451		1668
	1970	433	258		175	206235	476	799		1178
	1971	274	159		115	145628	531	915		1266
	1972	228	121		107	126569	555	1046		1182
	1973	149	70		79	112104	752	1601		1419

NOTE: FOR 1979 AND PREVIOUS YEARS THE ADMIN AND MILL EMPLOYMENT VALUES ARE COMBINED AND REPORTED IN ADMIN COLUMN.

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STANDARD INDUSTRIAL CLASS	YEAR	TOTAL EMPLOYMENT	MINE PIT, QUARRY EMPLOYMENT	MILL PLANT, KILN EMPLOYMENT	ADMIN. AND OTHER EMPLOYMENT	PRODUCTION IN METRIC TONS	PRODUCTION PER EMPLOYEE			
							TOTAL	MINE PIT, QUARRY	MILL PLANT, KILN	ADMIN. AND OTHER
						ONE MILLED		MILLED	PER EMPLOYEE	
SILVER-COBALT MINES	1974	197	99		98	108512	990	1096		1107
	1975	176	81		95	69618	395	859		732
SIC 0593	1976	178	74		104	107597	604	1454		1034
	1977	192	87		105	144714	857	1893		1548
	1978	181	84		97	188019	1038	2238		1938
	1979	201	96		105	156109	776	1626		1486
	1980	237	144	36	57	195027	654	1076	4306	2719
	1981	219	156	26	37	122195	597	783	4699	3302
	1982	195	132	24	39	113726	583	861	4738	2916
	1983	184	132	15	37	87876	477	665	5858	2375
	1984	173	125	14	34	52299	302	418	3735	1538
						MINED		MINED	PER EMPLOYEE	
NON-METALLIC MINES	1967	648	327		341	4123333	6172	12609		12091
	1968	838	389		449	5081854	6064	13063		11318
SIC 0700	1969	825	365		460	5323294	6452	14584		11572
	1970	976	431		545	6243398	6396	14485		11455
	1971	995	434		561	6274767	6306	14457		11184
	1972	958	397		561	6075029	6341	15302		10828
	1973	925	382		543	6022187	6510	15764		11090
	1974	1042	419		623	5568880	5344	13290		8938
	1975	1039	342		697	4675363	4499	13670		6707
	1976	1164	419		747	6464119	5543	15427		8653
	1977	975	417		558	5891416	6042	14128		10558
	1978	961	412		549	6426272	6687	19997		11705
	1979	998	434		564	6401323	6614	15210		11704

NOTE: FOR 1979 AND PREVIOUS YEARS THE ADMIN AND MILL EMPLOYMENT VALUES ARE COMBINED AND REPORTED IN ADMIN COLUMN.

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STANDARD INDUSTRIAL CLASS	YEAR	TOTAL EMPLOYMENT	MINE PIT, QUARRY EMPLOYMENT	MILL PLANT, KILN EMPLOYMENT	ADMIN. AND OTHER EMPLOYMENT	PRODUCTION IN METRIC TONS	PRODUCTION PER EMPLOYEE			
							TOTAL	MINE PIT, QUARRY	MILL PLANT, KILN	ADMIN. AND OTHER
							PEAT HARVESTED	HARVESTED PER EMPLOYEE		
PEAT BOG	1979									
	1980	42	12	24	6	6236	148	519	259	1039
SIC 0720	1981	35	8	23	4	6648	189	831	289	1662
	1982	33	8	21	4	4494	136	561	214	1123
	1983	34	7	23	4	5717	168	816	248	1429
	1984	35	7	24	4	5473	156	781	228	1368
							MINED	MINED PER EMPLOYEE		
GYPSUM MINES	1979									
	1980	165	123	20	22	780527	4730	6345	39026	35478
SIC 0730	1981	161	120	20	21	685092	4255	5709	34254	32623
	1982	126	88	20	18	469753	3728	5338	23487	26097
	1983	152	117	17	18	875083	5757	7479	51475	48615
	1984	184	146	19	19	1198760	6515	8210	63092	63092
TALC & SOAPSTONE M	1979									
	1980	59	13	37	9	66160	1121	5089	1788	7351
SIC 0791	1981	59	11	35	13	80149	1358	7286	2289	6165
	1982	70	12	41	17	85764	1225	7147	2091	5044
	1983	78	12	46	20	83045	1064	6920	1805	4152
	1984	91	12	55	24	114905	1262	9575	2089	4787
FELDSPAR & QUARTZ M	1979									
	1980	331	56	217	58	1234151	3728	22038	5687	21278
SIC 0792	1981	330	57	216	57	1307797	3963	22943	6054	22943
	1982	290	47	188	55	1058092	3648	22512	5628	19238
	1983	288	50	183	55	1174684	4078	23493	6419	21357
	1984	263	48	162	53	1216504	4625	25343	7509	22952

NOTE: FOR 1979 AND PREVIOUS YEARS THE ADMIN AND MILL EMPLOYMENT VALUES ARE COMBINED AND REPORTED IN ADMIN COLUMN.

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EMPLOYMENT AND EMPLOYEE PRODUCTIVITY IN ONTARIO

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STANDARD INDUSTRIAL CLASS	YEAR	TOTAL EMPLOYMENT	MINE PIT, QUARRY EMPLOYMENT	MILL PLANT, KILN EMPLOYMENT	ADMIN. AND OTHER EMPLOYMENT	PRODUCTION IN METRIC TONS	PRODUCTION PER EMPLOYEE			
							TOTAL	MINE PIT, QUARRY	MILL PLANT, KILN	ADMIN. AND OTHER
						MINED		MINED	PER EMPLOYEE	
SALT MINES	1979									
	* 1980	486	411	8	67	4414451	9083	10740	551806	65887
SIC 0793	* 1981	494	419	8	67	3663061	7415	8742	457882	54672
	* 1982	528	438	8	82	4347147	8233	9924	543393	53013
	* 1983	558	466	8	84	4335437	7769	9303	541929	51612
	* 1984	593	499	8	86	4990772	8416	10001	623846	58032
MISC. NON-METAL M	1979									
	1980	19	4	8	7	7893	415	1973	986	1127
SIC 0799	1981	35	10	19	6	13914	397	1391	732	2319
	1982	31	10	16	5	9930	320	993	620	1986
	1983	28	11	12	5	8970	320	815	747	1794
	1984	29	13	10	6	13626	469	1048	1362	2271
						STONE QUARRIED		QUARRIED	PER EMPLOYEE	
STONE QUARRIES	1967	2646	2646			28344978	10712	10712		
	1968	2011	2011			31137952	15483	15483		
SIC 0830	1969	2101	2101			30069036	14311	14311		
	1970	2099	2099			30626989	14591	14591		
	1971	2295	2295			31586127	13763	13763		
	1972	1892	1892			34470979	18219	18219		
	1973	1596	1596			39132918	24519	24519		
	1974	1650	1650			38727703	23471	23471		
	1975	1722	1722			34172039	19844	19844		
	1976	1898	1898			34986415	18433	18433		
	1977	1614	1614			35975549	22289	22289		
	1978	1500	1500			38139194	25426	25426		
	1979	1450	1450			39830992	27469	27469		

NOTE: FOR 1979 AND PREVIOUS YEARS THE ADMIN AND MILL EMPLOYMENT VALUES ARE COMBINED AND REPORTED IN ADMIN COLUMN.

SL R1.DAT * EXCLUDES ALL 4 BRINING WELLS

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EMPLOYMENT AND EMPLOYEE PRODUCTIVITY IN ONTARIO

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STANDARD INDUSTRIAL CLASS	YEAR	TOTAL EMPLOYMENT	MINE PIT, QUARRY EMPLOYMENT	MILL PLANT, KILN EMPLOYMENT	ADMIN. AND OTHER EMPLOYMENT	PRODUCTION IN METRIC TONS	PRODUCTION PER EMPLOYEE			
							TOTAL	MINE PIT, QUARRY	MILL PLANT, KILN	ADMIN. AND OTHER
						STONE QUARRIED		QUARRIED	PER EMPLOYEE	
GRANITE QUARRIES	1979									
	1980									
SIC 0831	1981	120	12	72	36	250748	2089	20895	3482	6965
	1982	118	12	71	35	291924	2473	24327	4111	8340
	1983	122	12	81	29	319576	2619	26631	3945	11019
	1984	114	12	74	28	324277	2844	27023	4382	11581
LIMESTONE QUARRIES	1979									
	1980	889	537	75	277	22434650	25235	41777	299128	80991
SIC 0832	1981	1049	599	134	316	24823124	23663	41440	185247	78554
	1982	817	530	30	257	19866150	24315	37483	662205	77300
	1983	1071	536	9	526	22601469	21103	42166	2511274	42968
	1984	841	584	8	249	28027557	33326	47992	3503444	112560
MARBLE QUARRIES	1978									
	1979									
SIC 0833	1980									
SANDSTONE QUARRIES	1978									
	1979									
SIC 0834	1980									
SHALE QUARRIES	1978									
	1979									
SIC 0835	1980									

NOTE: FOR 1979 AND PREVIOUS YEARS THE ADMIN AND MILL EMPLOYMENT VALUES ARE COMBINED AND REPORTED IN ADMIN COLUMN.

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EMPLOYMENT AND EMPLOYEE PRODUCTIVITY IN ONTARIO

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STANDARD INDUSTRIAL CLASS	YEAR	TOTAL EMPLOYMENT	MINE PIT, QUARRY EMPLOYMENT	MILL PLANT, KILN EMPLOYMENT	ADMIN. AND OTHER EMPLOYMENT	PRODUCTION IN METRIC TONS	PRODUCTION PER EMPLOYEE			
							TOTAL	MINE PIT, QUARRY	MILL PLANT, KILN	ADMIN. AND OTHER
						SAND + GRAVEL EXTRACTED	EXTRACTED PER EMPLOYEE			
SAND AND GRAVEL PITS	1972	2017	2017			69290770	34353	34353		
	1973	1895	1895			73089730	38569	38569		
SIC 0870	1974	1822	1822			72560869	39824	39824		
	1975	2363	2363			69705434	29498	29498		
	1976	2626	2626			68802045	26200	26200		
	1977	1064	1064			75400390	70865	70865		
	1978	2198	2198			87845756	39966	39966		
	1979	2000	2000			90515630	45257	45257		
	1980	1090	444	14	632	22426950	20575	90511	1601925	35485
	1981	1159	529	22	608	28950723	24979	54727	1315941	47616
	1982	916	376	5	535	19313010	21084	51364	3862602	36099
	1983	898	410	18	470	20335298	22645	49598	1129738	43266
	1984	728	421	19	288	23329684	32046	55414	1227878	81005

NOTE: 1979 & PREVIOUS YEARS SAND&GRAVEL & STONE EMPLOYMENT STATS ARE ESTIMATES OF S&G & S INDUSTRIES AND ARE NOT RELIABLE
1980 AND LATER STATS INCLUDE ONLY LARGE OPERATIONS REPORTING EMPLOYMENT. THE LARGE OPERATIONS IN 1984 PRODUCED 38% OF S&G
AND 71% OF LIMESTONE. OTHER REPORTS IN THIS SERIES, FOR EXAMPLE R11, INCLUDE ALL KNOWN OPERATIONS REGARDLESS OF SIZE.

NOTE: FOR 1979 AND PREVIOUS YEARS THE ADMIN AND MILL EMPLOYMENT VALUES ARE COMBINED AND REPORTED IN ADMIN COLUMN.

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STANDARD INDUSTRIAL CLASS	YEAR	TOTAL EMPLOYMENT	MINE PIT, QUARRY EMPLOYMENT	MILL PLANT, KILN EMPLOYMENT	ADMIN. AND OTHER EMPLOYMENT	PRODUCTION IN METRIC TONS	PRODUCTION PER EMPLOYEE			
							TOTAL	MINE PIT, QUARRY	MILL PLANT, KILN	ADMIN. AND OTHER
GRAND TOTAL FOR ALL SIC'S										
* 1967		30589	19169		11420	77343951				
* 1968		30172	18551		11621	91820442				
* 1969		29736	18214		11522	85909232				
* 1970		30799	17967		12832	95016752				
* 1971		31018	18120		12898	95709804				
1972		30157	17683		12474	163646174				
1973		28968	17032		11936	173680710				
1974		29931	17170		12761	173404012				
1975		32830	18363		14467	161201268				
1976		33070	18491		14379	164745895				
1977		30766	16604		14162	171581542				
1978		30033	16730		13303	180622379				
1979		30041	16260		13781	180960891				
1980		28630	18746	3868	6016	98765614				
1981		29250	18511	4333	6406	104800276				
1982		26761	17176	3716	5869	79585292				
1983		24583	15603	3468	5512	85745837				
1984	**	24500	15915	3653	4932	103886573				

NOTE: FOR 1979 AND PREVIOUS YEARS THE ADMIN AND MILL EMPLOYMENT VALUES ARE COMBINED AND REPORTED IN ADMIN COLUMN.

* EXCLUDES ENTIRE SAND & GRAVEL INDUSTRY

** 26500 INCLUDING 2000 ESTIMATE OF SMALL S&G AND STONE INDUSTRIES

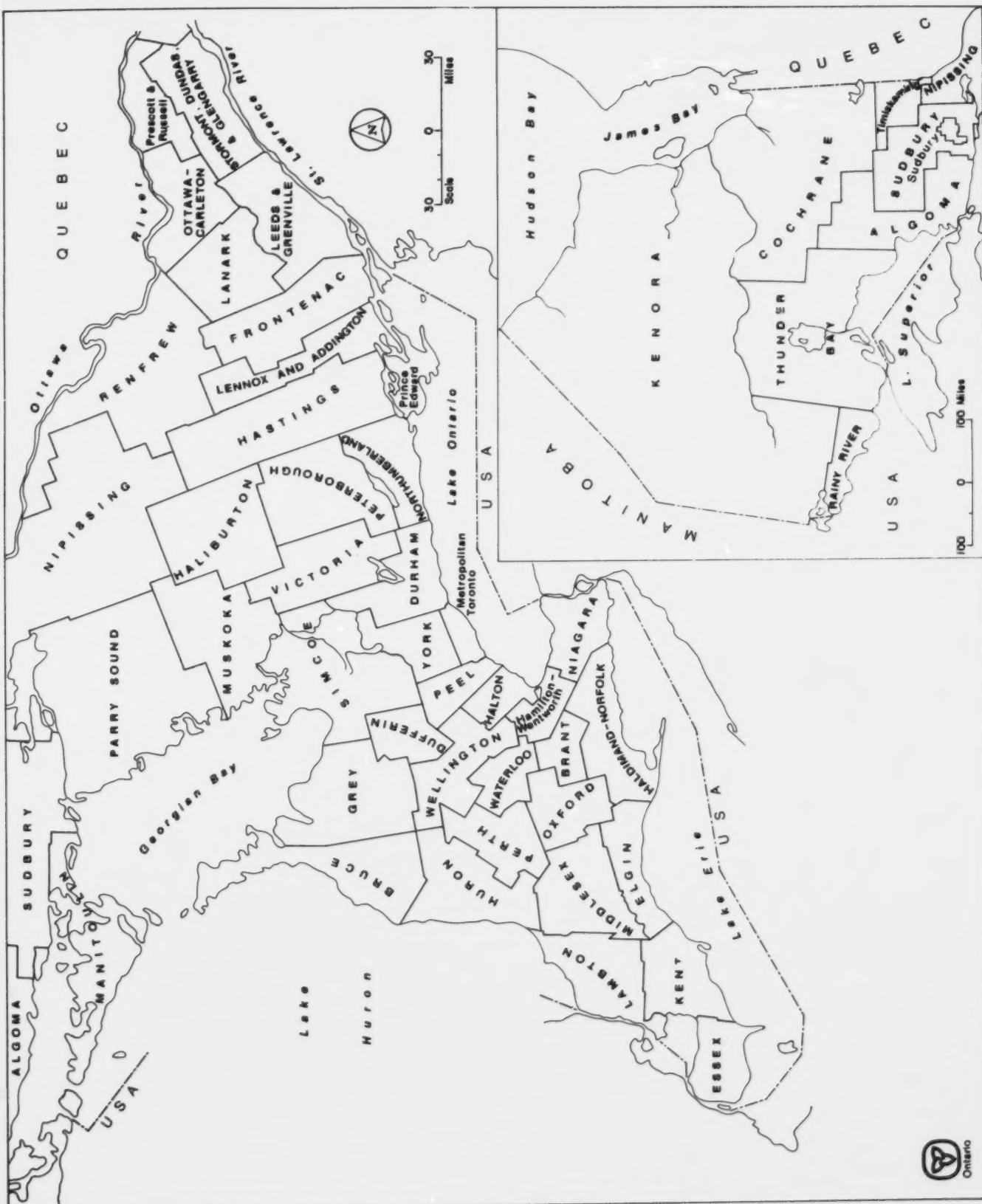
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BLANK

VOLUME AND VALUE OF PRODUCTION
BY
MUNICIPALITIES

BLANK



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MUNICIPALITY	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
COUNTY OF BRANT	NATURAL GAS	CU.M	407,400	50,884
	SAND & GRAVEL	TONNE	1,196,349	2,775,623
				2,826,507
COUNTY OF BRUCE	SAND & GRAVEL	TONNE	1,210,772	2,603,831
	STONE	TONNE	10,519	610,000
				3,213,831
COUNTY OF DUFFERIN	SAND & GRAVEL	TONNE	608,785	1,056,957
				1,056,957
COUNTY OF ELGIN	CLAY IN FLUE LINING	M	221,970	2,350,659
	CLAY IN SEMER PIPE	M	52,093	399,600
	CLAY IN TILE	TILE	4,968	1,870
	NATURAL GAS	CU.M	76,320,600	9,532,442
	PETROLEUM	CU.M	24,673	4,716,488
	SAND & GRAVEL	TONNE	395,150	705,009
				17,706,068
COUNTY OF ESSEX	LIME	TONNE	319,030	19,460,830
	PETROLEUM	CU.M	3,701	707,481
	SALT	TONNE	2,920,240	63,719,810
	SAND & GRAVEL	TONNE	50,475	48,738
	STONE	TONNE	2,233,380	12,012,795
				95,949,654
COUNTY OF FRONTENAC	SAND & GRAVEL	TONNE	78,614	131,140
	STONE	TONNE	591,378	1,586,605
				1,717,745
COUNTY OF GREY	SAND & GRAVEL	TONNE	821,387	1,196,957
	STONE	TONNE	210,327	1,646,000
				2,842,957
COUNTY OF HASTINGS	SAND & GRAVEL	TONNE	209,676	324,277
	STONE	TONNE	322,758	1,197,994
	TALC	TONNE	16,329	2,096,000

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

R25AALDAT

April 7, 1986

MUNICIPALITY	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
COUNTY OF HASTINGS				3,618,271
COUNTY OF HURON	NATURAL GAS	CU.M	4,073,400	508,767
	PETROLEUM	CU.M	119	22,748
	SALT	TONNE	2,804,411	63,398,050
	SAND & GRAVEL	TONNE	754,803	1,585,066
				65,514,631
COUNTY OF KENT	CLAY IN TILE	TILE	1,812,057	541,708
	NATURAL GAS	CU.M	121,199,000	15,137,749
	PETROLEUM	CU.M	10,699	2,045,217
	SAND & GRAVEL	TONNE	584,880	2,212,435
	STONE	TONNE	25,000	48,750
				19,985,859
COUNTY OF LANBTON	CLAY IN TILE	TILE	544,395	144,174
	NATURAL GAS	CU.M	85,560,700	10,686,525
	PETROLEUM	CU.M	46,616	8,911,101
	SALT	TONNE	687,763	4,602,319
	SAND & GRAVEL	TONNE	30,077	32,546
				24,376,665
COUNTY OF LANARK	SAND & GRAVEL	TONNE	216,319	380,078
	STONE	TONNE	101,605	5,700,000
				6,080,078
COUNTY OF LENNOX AND ADDINGTON	CEMENT	TONNE	450,937	28,545,672
	SAND & GRAVEL	TONNE	128,993	80,469
	STONE	TONNE	653,623	1,332,107
				29,958,248
COUNTY OF MIDDLESEX	CLAY IN TILE	TILE	3,133,226	906,799
	PETROLEUM	CU.M	3,092	591,065
	SAND & GRAVEL	TONNE	3,915,063	10,054,715
				11,552,579
COUNTY OF NORTHUMBERLAND	SAND & GRAVEL	TONNE	822,746	1,827,828
	STONE	TONNE	2,148,943	2,946,196

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

R2FAALDAT

April 7, 1986

MUNICIPALITY	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
COUNTY OF NORTHUMBERLAND				4,774,024
COUNTY OF OXFORD	CEMENT	TONNE	377,637	33,830,612
	CLAY IN TILE	TILE	732,603	190,476
	GYPSUM	TONNE	153,795	2,461,478
	LIME	TONNE	646,225	35,109,916
	NATURAL GAS	CU.M	6,109,200	763,039
	PETROLEUM	CU.M	1,475	281,960
	SAND & GRAVEL	TONNE	1,125,093	2,987,337
	STONE	TONNE	2,445,344	10,293,462
				85,918,280
COUNTY OF PERTH	CEMENT	TONNE	318,712	22,542,712
	SAND & GRAVEL	TONNE	418,700	1,405,091
	STONE	TONNE	302,322	1,197,195
				25,144,998
COUNTY OF PETERBOROUGH	MAGNETITE	TONNE	3,849	50,541
	NEPHELINE SYENITE	TONNE	520,640	18,609,289
	SAND & GRAVEL	TONNE	946,946	1,558,946
	STONE	TONNE	328,554	22,346,554
				42,565,330
COUNTY OF PRINCE EDWARD	CEMENT	TONNE	951,500	51,487,371
	SAND & GRAVEL	TONNE	37,978	69,785
	STONE	TONNE	1,503,639	3,742,281
				55,299,437
COUNTY OF RENFREW	CALCIUM	KG	515,380	4,559,566
	CLAY IN OTHER PRODUCT	N/A	N/A	126,864
	LIME	TONNE	43,834	2,673,874
	MAGNESIUM	KG	7,587,522	30,926,740
	SAND & GRAVEL	TONNE	934,013	2,400,974
	STONE	TONNE	175,987	824,545
				41,512,563
COUNTY OF SIMCOE	CLAY IN OTHER PRODUCT	N/A	N/A	2,848,897
	SAND & GRAVEL	TONNE	3,607,313	7,618,669
	STONE	TONNE	3,367,105	11,407,788

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

R2FAM.DAT

April 7, 1986

MUNICIPALITY	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
COUNTY OF SIMCOE				21,875,354
COUNTY OF VICTORIA	SAND & GRAVEL	TONNE	3,265,957	6,177,067
	STONE	TONNE	670,000	1,634,000
				7,811,067
COUNTY OF WELLINGTON	CLAY IN TILE	TILE	3,844,065	1,094,179
	LIME	TONNE	86,818	5,386,453
	NATURAL GAS	CU.M	1,181,500	147,569
	SAND & GRAVEL	TONNE	2,514,680	7,599,279
	STONE	TONNE	261,278	1,066,928
				15,294,408
DISTRICT OF ALGOMA	IRON ORE	TONNE	1,280,155	41,911,370
	LIME	TONNE	325,370	20,921,465
	SAND & GRAVEL	TONNE	1,180,440	2,235,815
	STONE	TONNE	69	4,050
	URANIUM	KG	4,552,158	544,778,444
				609,851,144
DISTRICT OF COCHRANE	CADMIUM	KG	626,553	2,112,607
	COPPER	KG	116,573,602	208,633,919
	GOLD	G	11,722,668	173,467,896
	LEAD	KG	5,104,188	3,771,484
	SAND & GRAVEL	TONNE	1,476,376	2,223,698
	SELENIUM	KG	14,721	82,780
	SERPENTINE FILLER	TONNE	3,593	483,040
	SILVER	KG	303,655	92,503,852
	STONE	TONNE	125,243	769,275
	SULPHUR	TONNE	144,827	11,580,039
	TALC	TONNE	26,485	4,409,499
	ZINC	KG	207,754,864	281,779,108
				783,817,197
DISTRICT OF KENORA	GOLD	G	8,721,292	129,134,529
	IRON ORE	TONNE	950,806	51,483,540
	SAND & GRAVEL	TONNE	2,195,282	4,607,654
	SILVER	KG	930	317,372
	STONE	TONNE	719,930	6,120,082

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

R2FAALDAT

April 7, 1986

MUNICIPALITY	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
DISTRICT OF KENORA				191,663,177
DISTRICT OF MANITOULIN	QUARTZ	TONNE	393,360	10,609,588
	SAND & GRAVEL	TONNE	15,423	15,170
	STONE	TONNE	771,283	2,597,749
				13,222,507
DISTRICT OF NIPISSING	IRON ORE	TONNE	1,008,008	61,292,159
	SAND & GRAVEL	TONNE	418,013	495,756
				61,787,915
DISTRICT OF PARRY SOUND	SAND & GRAVEL	TONNE	553,276	1,129,450
	STONE	TONNE	1,110	137,724
				1,267,174
DISTRICT OF RAINY RIVER	PEAT	TONNE	45	5,000
	SAND & GRAVEL	TONNE	287,525	312,034
				317,034
DISTRICT OF SUDBURY	GOLD	G	606,421	9,005,116
	QUARTZ	TONNE	176	21,404
	SAND & GRAVEL	TONNE	601,231	1,087,852
	SILVER	KG	192	66,840
				10,181,212
DISTRICT OF THUNDER BAY	CADMIUM	KG	207,779	1,003,573
	COPPER	KG	25,651,747	44,583,141
	GEMSTONES	TONNE	60	77,422
	GOLD	G	560,327	8,182,126
	LEAD	KG	3,827,208	2,539,118
	SAND & GRAVEL	TONNE	2,385,731	5,177,485
	SILVER	KG	114,517	38,805,177
	STONE	TONNE	564,571	3,029,710
	SULPHUR	TONNE	38,863	3,107,400
	ZINC	KG	86,375,835	113,823,197
				220,328,349
DISTRICT OF TIMISKAMING	BARITE	TONNE	8,000	1,500,000

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

R2FAM.DAT

April 7, 1986

MUNICIPALITY	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
DISTRICT OF TIMISKAMING	COPPER	KG	79	131
	GOLD	G	4,511,317	67,945,688
	IRON ORE	TONNE	1,105,181	77,892,987
	SAND & GRAVEL	TONNE	526,813	1,255,167
	SILVER	KG	53,032	16,152,743
				<u>164,746,716</u>
DN OF MUSKOKA	SAND & GRAVEL	TONNE	92,460	115,163
				<u>115,163</u>
PROVISIONAL COUNTY OF HALIBURTON	SAND & GRAVEL	TONNE	122,484	91,582
		TONNE	4,851	212,144
				<u>303,726</u>
RN OF DURHAM	CEMENT	TONNE	444,318	25,145,276
	SAND & GRAVEL	TONNE	5,589,882	13,679,876
	STONE	TONNE	775,076	3,208,816
				<u>42,033,968</u>
RN OF HALDIMAND-NORFOLK	GYPSUM	TONNE	1,029,399	10,254,121
	NATURAL GAS	CU.M	247,516,900	30,914,858
	SAND & GRAVEL	TONNE	287,615	747,663
	STONE	TONNE	889,180	3,103,207
				<u>45,019,849</u>
RN OF HALTON	CLAY IN BRICK	BRICK	75,801,000	14,099,000
	LIME	TONNE	225,338	14,548,180
	SAND & GRAVEL	TONNE	976,226	2,877,431
	STONE	TONNE	8,004,776	29,667,873
				<u>61,192,484</u>
RN OF HAMILTON-WENTWORTH	CLAY IN BRICK	BRICK	6,721,377	1,375,220
	SAND & GRAVEL	TONNE	36,879	97,758
	STONE	TONNE	2,664,993	12,827,821
				<u>14,300,799</u>
RN OF NIAGARA	NATURAL GAS	CU.M	5,800,300	724,456
	PEAT	TONNE	5,163	899,485

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

R2FAMLDAT

April 7, 1986

MUNICIPALITY	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
RM OF NIAGARA	SAND & GRAVEL STONE	TONNE	523,892	2,491,692
		TONNE	3,508,068	15,259,818
				19,375,451
RM OF OTTAWA-CARLETON	CLAY IN BRICK SAND & GRAVEL STONE	BRICK	30,326,762	5,071,023
		TONNE	1,907,783	6,037,936
		TONNE	5,808,830	15,892,085
				27,001,044
RM OF PEEL	CEMENT	TONNE	1,039,507	63,768,676
	CLAY IN BRICK	BRICK	255,927,000	46,870,730
	SAND & GRAVEL	TONNE	5,585,510	14,223,226
	STONE	TONNE	503,758	509,668
	SULPHUR	TONNE	3,026	211,122
				125,583,422
RM OF SUDBURY	COBALT	KG	1,614,435	37,027,130
	COPPER	KG	150,197,838	284,174,308
	GOLD	G	1,698,845	25,494,565
	IRON ORE	TONNE	206,507	3,768,800
	NICKEL	KG	132,442,247	886,903,006
	PLATINUM GROUP	KG	10,245	131,415,965
	SAND & GRAVEL	TONNE	2,423,485	5,493,608
	SELENIUM	KG	39,862	1,023,536
	SILVER	KG	44,199	15,386,908
	SULPHUR	TONNE	258,787	20,692,024
	TELLURIUM	KG	5,530	149,033
				1,411,528,883
RM OF WATERLOO	SAND & GRAVEL	TONNE	1,929,429	5,700,548
				5,700,548
RM OF YORK	CLAY IN BRICK SAND & GRAVEL	BRICK	31,658,267	6,650,047
		TONNE	3,836,451	9,760,950

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

R2FAM1.DAT

April 7, 1986

MUNICIPALITY	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
RM OF YORK				<u>16,410,997</u>
UC OF LEEDS AND GRENVILLE	SAND & GRAVEL STONE	TONNE TONNE	166,771 433,326	399,351 1,706,592
				<u>2,105,943</u>
UC OF PRESCOTT AND RUSSELL	SAND & GRAVEL STONE	TONNE TONNE	73,631 523,830	203,677 1,772,814
				<u>1,976,491</u>
UC OF STORMONT, DUNDAS AND GLENGARRY	SAND & GRAVEL STONE	TONNE TONNE	351,799 735,946	831,151 3,067,070
				<u>3,898,221</u>
GRAND TOTAL				<u><u>4,420,324,925</u></u>

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

R2FAM.DAT

APRIL 7, 1986

VOLUME AND VALUE OF PRODUCTION
BY
MINING DIVISIONS

BLANK



BLANK

MINING DIVISION	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
EASTERN ONTARIO	CALCIUM	KG	515,380	4,559,566
	CEMENT	TONNE	3,582,611	225,320,319
	CLAY IN BRICK	BRICK	400,434,406	74,066,020
	CLAY IN FLUE LINING	M	221,970	2,350,659
	CLAY IN OTHER PRODUCT	N/A	N/A	2,975,761
	CLAY IN SEWER PIPE	M	52,093	399,600
	CLAY IN TILE	TILE	10,071,314	2,879,206
	GYPSUM	TONNE	1,183,194	12,715,599
	LIME	TONNE	1,321,245	77,179,253
	MAGNESIUM	KG	7,587,522	30,926,740
	MAGNETITE	TONNE	3,849	50,541
	NATURAL GAS	CU.M	548,169,000	68,466,289
	NEPHELINE SYENITE	TONNE	520,640	18,609,289
	PEAT	TONNE	5,163	899,485
	PETROLEUM	CU.M	90,375	17,276,060
	SALT	TONNE	6,412,414	131,720,179
	SAND & GRAVEL	TONNE	45,558,285	112,291,250
	STONE	TONNE	39,205,506	166,958,832
	SULPHUR	TONNE	3,026	211,122
	TALC	TONNE	16,329	2,096,000
				951,951,770
KENORA	PEAT	TONNE	45	5,000
	SAND & GRAVEL	TONNE	1,028,464	3,081,926
	STONE	TONNE	819,388	5,427,366
				8,514,292
LARDER LAKE	BARITE	TONNE	8,000	1,500,000
	COPPER	KG	79	131
	GOLD	G	4,511,317	67,945,688
	IRON ORE	TONNE	1,105,181	77,892,987
	SAND & GRAVEL	TONNE	414,899	1,016,963
	SERPENTINE FILLER	TONNE	3,593	483,040
	SILVER	KG	378	133,716
				148,972,525
PATRICIA	COPPER	KG	5,619,326	9,357,804
	GOLD	G	365,548	5,049,384
	LEAD	KG	3,504,805	2,300,895
	SAND & GRAVEL	TONNE	530,848	1,222,310
	SILVER	KG	74,677	25,289,354
	STONE	TONNE	100,542	692,716
	SULPHUR	TONNE	19,905	1,591,560
	ZINC	KG	53,338,897	71,749,769

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

SL R2DDM.DAT

April 7, 1986

MINING DIVISION	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
PATRICIA				117,253,792
PORCUPINE	CADMIUM	KG	626,553	2,112,607
	COPPER	KG	116,573,602	208,633,919
	GOLD	G	11,722,668	173,467,896
	LEAD	KG	5,104,188	3,771,484
	SAND & GRAVEL	TONNE	1,762,882	2,816,628
	SELENIUM	KG	14,721	82,780
	SILVER	KG	303,655	92,503,852
	STONE	TONNE	125,243	769,275
	SULPHUR	TONNE	144,827	11,580,039
	TALC	TONNE	26,485	6,409,499
	ZINC	KG	207,754,864	281,779,108
				783,927,087
RED LAKE	GOLD	G	8,506,211	126,146,070
	IRON ORE	TONNE	950,806	51,483,540
	SAND & GRAVEL	TONNE	981,344	877,007
	SILVER	KG	929	317,024
				178,823,641
SAULT STE MARIE	GOLD	G	506,930	7,607,498
	IRON ORE	TONNE	1,280,155	41,911,370
	LIME	TONNE	325,370	20,921,465
	SAND & GRAVEL	TONNE	947,877	1,849,404
	SILVER	KG	192	66,840
	STONE	TONNE	69	4,050
	URANIUM	KG	4,952,158	544,778,444
				617,139,071
SUDBURY	COBALT	KG	1,614,435	37,027,130
	COPPER	KG	150,197,838	284,174,308
	GOLD	G	1,798,336	26,892,183
	IRON ORE	TONNE	1,214,515	65,060,959
	NICKEL	KG	132,442,247	886,903,006
	PLATINUM GROUP	KG	10,245	131,415,965
	QUARTZ	TONNE	393,536	10,630,992
	SAND & GRAVEL	TONNE	3,866,695	8,053,092
	SELENIUM	KG	39,862	1,023,536
	SILVER	KG	96,853	31,405,935

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

SL R200A.DAT

April 7, 1986

VOLUME AND VALUE OF ONTARIO MINERAL COMMODITY PRODUCTION IN 1984			REPORT 2	PAGE 3
MINING DIVISION	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
SUDBURY	STONE	TONNE	771,283	2,997,749
	SULPHUR	TONNE	258,787	20,692,024
	TELLURIUM	KG	5,530	149,033
				<u>1,506,025,912</u>
THUNDER BAY	CADMIUM	KG	207,779	1,003,573
	COPPER	KG	20,032,421	35,225,337
	GEMSTONES	TONNE	60	77,422
	GOLD	G	409,860	6,121,201
	LEAD	KG	322,403	238,223
	SAND & GRAVEL	TONNE	2,327,882	4,915,930
	SILVER	KG	39,841	13,516,171
	STONE	TONNE	564,571	3,029,710
	SULPHUR	TONNE	18,958	1,515,840
	ZINC	KG	33,036,938	42,073,428
				<u>107,716,835</u>
GRAND TOTAL				<u><u>4,420,324,925</u></u>

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

SL R2004L.DAT

APRIL 7, 1986

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VOLUME AND VALUE OF ONTARIO MINERAL COMMODITY PRODUCTION IN 1983

REPORT 2 PAGE 1

MINING DIVISION	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
EASTERN ONTARIO	CALCIUM CEMENT	KG	398,984	3,306,450
	CLAY IN BRICK	TONNE	3,200,775	212,263,334
	CLAY IN OTHER PRODUCT	BRICK	393,314,448	64,065,900
	CLAY IN SEWER PIPE	N/A	N/A	5,399,760
	CLAY IN TILE	M	64,286	331,071
	GYPSUM	TILE	12,587,799	3,500,697
	LIME	TONNE	907,042	9,937,629
	MAGNESIUM	TONNE	1,247,883	68,333,120
	MAGNETITE	KG	5,980,265	21,978,106
	NATURAL GAS	TONNE	3,304	39,941
	NEPHELINE SYENITE	CU.M	459,312,500	45,931,250
	PEAT	TONNE	523,249	18,912,825
	PETROLEUM	TONNE	4,479	695,243
	SALT	CU.M	84,770	16,106,300
	SAND & GRAVEL	TONNE	5,479,984	98,726,006
	STONE	TONNE	37,044,763	87,832,544
	SULPHUR	TONNE	32,319,812	136,982,198
	TALC	TONNE	6,711	494,691
	TERRAZZO CHIPS	TONNE	11,100	1,194,054
			1,415	95,187
				796,126,306
KEWORA	PEAT	TONNE	150	16,200
	SAND & GRAVEL	TONNE	1,691,322	4,242,725
	STONE	TONNE	282,315	2,284,884
				6,543,809
LARDER LAKE	BARITE	TONNE	5,000	1,600,000
	COPPER	KG	44	80
	GOLD	G	3,348,070	55,245,966
	IRON ORE	TONNE	865,019	58,122,143
	SAND & GRAVEL	TONNE	2,512,890	4,857,210
	SERPENTINE FILLER	TONNE	3,407	443,364
	SILVER	KG	364	166,333
				120,435,096
PATRICIA	COPPER	KG	5,595,279	10,667,736
	GOLD	G	320,970	4,748,818
	LEAD	KG	3,567,275	1,889,403
	SAND & GRAVEL	TONNE	408,640	193,357
	SILVER	KG	75,947	36,121,831
	STONE	TONNE	5,103	27,145
	SULPHUR	TONNE	27,232	1,575,963
	ZINC	KG	63,559,217	66,229,267

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

SL R200A3

April 2, 1986

MINING DIVISION	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
PATRICIA				121,453,520
PORCUPINE	CADMIUM	KG	439,115	935,235
	COPPER	KG	106,215,018	208,333,209
	GOLD	G	9,273,582	157,045,962
	LEAD	KG	2,501,508	695,540
	SAND & GRAVEL	TONNE	3,584,636	6,954,728
	SELENIUM	KG	18,158	161,727
	SILVER	KG	239,819	117,757,377
	STONE	TONNE	3,739	25,612
	SULPHUR	TONNE	112,619	6,517,455
	TALC	TONNE	21,777	4,866,047
	TIN	KG	3,732	81,495
	ZINC	KG	173,866,884	165,297,527
				668,671,914
RED LAKE	GOLD	G	8,431,632	140,730,790
	IRON ORE	TONNE	774,271	39,828,482
	SAND & GRAVEL	TONNE	201,239	392,398
	SILVER	KG	887	396,624
				181,348,294
SAULT STE MARIE	GOLD	G	767,268	12,995,660
	IRON ORE	TONNE	1,247,264	40,053,645
	LIME	TONNE	338,492	20,918,767
	SAND & GRAVEL	TONNE	942,698	2,212,048
	SILVER	KG	234	105,179
	STONE	TONNE	45	4,000
	URANIUM	KG	4,741,457	534,229,179
				610,518,478
SUDBURY	COBALT	KG	1,024,768	16,602,079
	COPPER	KG	97,516,984	203,741,586
	GOLD	G	949,773	15,899,199
	IRON ORE	TONNE	929,144	45,788,768
	NICKEL	KG	88,291,560	550,124,912
	PETROLEUM	CU.M	18	3,420
	PLATINUM GROUP	KG	6,964	79,155,805
	QUARTZ	TONNE	386,706	10,559,822
	SAND & GRAVEL	TONNE	3,380,482	6,979,423

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

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VOLUME AND VALUE OF ONTARIO MINERAL COMMODITY PRODUCTION IN 1983 REPORT 2 PAGE 3

MINING DIVISION	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
SUDBURY	SELENIUM	KG	17,096	172,888
	SILVER	KG	59,489	26,118,473
	STONE	TONNE	798,626	1,980,751
	SULPHUR	TONNE	169,222	9,793,166
	TELLURIUM	KG	1,264	34,633
	URANIUM	KG	25,663	1,541,186
				<u>968,496,111</u>
THUNDER BAY	CADMIUM	KG	229,287	702,627
	COPPER	KG	17,468,842	34,606,204
	GENSTONES	TONNE	54	63,525
	GOLD	G	168,922	2,671,588
	LEAD	KG	475,117	280,366
	SAND & GRAVEL	TONNE	3,815,516	6,567,244
	SILVER	KG	37,954	17,251,037
	STONE	TONNE	422,196	2,398,592
	SULPHUR	TONNE	22,968	1,329,199
	ZINC	KG	37,392,433	48,978,926
				<u>114,849,308</u>
GRAND TOTAL				<u>3,988,442,836</u>

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

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VOLUME AND VALUE OF ONTARIO MINERAL COMMODITY PRODUCTION IN 1982 REPORT 2 PAGE 1

MINING DIVISION	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
EASTERN ONTARIO	CALCIUM CEMENT	KG	329,139	2,567,284
	CEMENT	TONNE	3,007,439	185,047,149
	CLAY IN BRICK	BRICK	262,307,903	42,375,397
	CLAY IN OTHER PRODUCT	N/A	N/A	5,214,132
	CLAY IN SEMER PIPE	METRE	13,247	37,805
	CLAY IN TILE	TILE	11,921,213	3,503,771
	GYPSUM	TONNE	574,346	5,516,064
	LIME	TONNE	1,228,709	64,040,847
	MAGNESIUM	KG	7,630,163	27,811,944
	MAGNETITE	TONNE	4,576	51,699
	NATURAL GAS	CU.M	436,353,500	41,360,466
	NEPHELINE SYENITE	TONNE	552,838	17,882,193
	PEAT	TONNE	4,214	840,014
	PETROLEUM	CU.M	85,637	14,761,230
	SALT	TONNE	5,461,190	93,200,162
	SAND & GRAVEL	TONNE	41,175,144	94,484,535
	STONE	TONNE	26,693,956	103,546,294
	SULPHUR	TONNE	27,969	2,095,957
	TALC	TONNE	4,663	610,154
	TERRAZZO CHIPS	TONNE	1,694	110,692
	URANIUM	KG	147,753	12,875,522
				717,933,311
KENORA	PEAT	TONNE	460	46,052
	SAND & GRAVEL	TONNE	1,283,625	2,324,884
	STONE	TONNE	556,913	3,209,898
				5,580,834
LARDER LAKE	BARITE	TONNE	6,000	1,300,000
	COPPER	KG	43	68
	GOLD	G	3,414,777	55,738,142
	IRON ORE	TONNE	969,669	64,132,656
	SAND & GRAVEL	TONNE	1,700,067	2,085,410
	SERPENTINE FILLER	TONNE	3,067	455,121
	SILVER	KG	315	97,823
				123,809,220
PATRICIA	COPPER	KG	6,070,810	11,457,179
	GOLD	G	118,557	2,039,313
	LEAD	KG	2,002,742	1,462,001
	NICKEL	KG	8,210	53,282
	PLATINUM GROUP	KG	80	696,730
	SAND & GRAVEL	TONNE	536,767	784,998
	SILVER	KG	52,567	18,743,890
	SULPHUR	TONNE	11,356	620,082

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

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VOLUME AND VALUE OF ONTARIO MINERAL COMMODITY PRODUCTION IN 1982 REPORT 2 PAGE 2

MINING DIVISION	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
PATRICIA	ZINC	KG	42,259,005	41,869,042
				77,726,517
PORCUPINE	CADMIUM	KG	466,709	1,573,677
	COPPER	KG	71,660,171	133,206,553
	GOLD	G	6,694,567	99,366,788
	LEAD	KG	3,237,885	2,020,737
	SAND & GRAVEL	TONNE	1,573,884	3,003,642
	SILVER	KG	185,151	62,619,775
	STONE	TONNE	3,566	24,427
	SULPHUR	TONNE	100,048	5,463,040
	TALC	TONNE	13,799	2,823,627
	TIN	KG	19,375	368,266
	ZINC	KG	177,097,701	168,108,190
				478,578,722
RED LAKE	GOLD	G	8,144,475	123,591,920
	IRON ORE	TONNE	902,853	47,543,755
	SAND & GRAVEL	TONNE	162,115	492,955
	SILVER	KG	814	255,675
				171,884,305
SAULT STE MARIE	GOLD	G	696,005	9,972,749
	IRON ORE	TONNE	871,269	31,015,986
	LIME	TONNE	310,933	18,771,695
	SAND & GRAVEL	TONNE	1,416,303	3,373,768
	SILVER	KG	237	75,606
	URANIUM	KG	4,755,938	569,746,000
				632,955,804
SUDBURY	COBALT	KG	966,285	28,258,083
	COPPER	KG	61,122,861	119,185,943
	GOLD	G	994,848	14,871,658
	IRON ORE	TONNE	906,466	50,753,559
	NICKEL	KG	63,947,370	440,578,015
	PLATINUM GROUP	KG	7,025	81,556,840
	QUARTZ	TONNE	264,907	7,758,937
	SAND & GRAVEL	TONNE	3,477,805	5,731,556
	SELENIUM	KG	25,038	273,915
	SILVER	KG	69,467	24,681,592

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

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MINING DIVISION	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
SUDBURY	STONE	TONNE	510,363	1,265,803
	SULPHUR	TONNE	152,839	8,345,620
	TELLURIUM	KG	2,843	93,819
	URANIUM	KG	66,636	4,001,775
				787,357,115
THUNDER BAY	BISMUTH	KG	1,256	7,561
	CADMIUM	KG	82,297	249,359
	COPPER	KG	18,994,872	34,158,727
	GEMSTONES	TONNE	72	83,589
	GOLD	G	73,614	1,205,905
	LEAD	KG	456,206	333,030
	SAND & GRAVEL	TONNE	2,242,174	4,270,305
	SILVER	KG	38,423	12,205,629
	STONE	TONNE	695,396	2,738,445
	SULPHUR	TONNE	19,476	1,063,472
	ZINC	KG	41,186,818	47,910,876
				104,226,898

GRAND TOTAL

3,100,052,726

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

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VOLUME AND VALUE OF ONTARIO MINERAL COMMODITY PRODUCTION IN 1981			REPORT 2	PAGE 1
MINING DIVISION	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
EASTERN ONTARIO	CALCIUM	KG	469,403	3,512,073
	CEMENT	TONNE	3,787,237	205,062,550
	CLAY IN BRICK	BRICK	364,633,562	54,249,454
	CLAY IN OTHER PRODUCT	N/A	N/A	7,416,800
	CLAY IN SEMER PIPE	METRE	5,376	23,439
	CLAY IN TILE	TILE	15,815,944	4,970,570
	GYPSSUM	TONNE	649,546	5,477,033
	LIME	TONNE	1,455,832	72,803,406
	MAGNESIUM	KG	8,548,042	29,439,456
	MAGNETITE	TONNE	7,218	78,214
	NATURAL GAS	CU.M	419,271,420	34,556,335
	NEPHELINE SYENITE	TONNE	587,565	17,531,692
	PEAT	TONNE	6,648	945,993
	PETROLEUM	CU.M	89,983	11,111,980
	SALT	TONNE	4,968,503	80,888,513
	SAND & GRAVEL	TONNE	55,183,930	111,156,386
	STONE	TONNE	36,066,403	119,488,551
	SULPHUR	TONNE	29,065	1,842,410
	TALC	TONNE	6,522	515,636
	TERRAZZO CHIPS	TONNE	1,947	110,691
	URANIUM	KG	244,733	24,502,298
				785,683,480
KENORA	PEAT	TONNE	2,557	256,000
	SAND & GRAVEL	TONNE	1,349,122	1,986,516
	STONE	TONNE	520,308	2,424,168
				4,666,684
LARDER LAKE	BARITE	TONNE	5,000	1,100,000
	COPPER	KG	103	203
	GOLD	G	3,223,601	66,436,705
	IRON ORE	TONNE	1,230,663	74,769,043
	SAND & GRAVEL	TONNE	527,570	686,021
	SERPENTINE FILLER	TONNE	3,672	487,906
	SILVER	KG	286	125,777
				143,605,655
PATRICIA	COPPER	KG	10,900,481	23,988,123
	GOLD	G	151,920	2,608,816
	LEAD	KG	1,425,116	1,291,779
	NICKEL	KG	15,858	122,011
	PLATINUM GROUP	KG	168	1,451,297
	SAND & GRAVEL	TONNE	386,165	332,619
	SILVER	KG	51,015	19,451,591
	STONE	TONNE	304,825	2,253,520

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

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April 2, 1986

VOLUME AND VALUE OF ONTARIO MINERAL COMMODITY PRODUCTION IN 1981 REPORT 2 PAGE 2

MINING DIVISION	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
PATRICIA	SULPHUR	TONNE	15,696	628,781
	ZINC	KG	43,603,482	47,046,353
				99,174,890
PORCUPINE	CADMIUM	KG	516,214	2,499,766
	COPPER	KG	56,947,191	148,116,216
	GOLD	G	5,991,458	107,949,316
	LEAD	KG	1,826,048	2,587,058
	SAND & GRAVEL	TONNE	2,290,663	3,097,969
	SILVER	KG	148,982	67,623,516
	STONE	TONNE	5,315	35,651
	SULPHUR	TONNE	71,540	2,865,892
	TALC	TONNE	11,707	2,075,929
	TIN	KG	88,774	1,479,882
	ZINC	KG	164,430,558	191,523,304
				529,854,499
RED LAKE	CADMIUM	KG	1,959	9,683
	COPPER	KG	469,256	1,038,463
	GOLD	G	7,011,132	122,641,896
	IRON ORE	TONNE	1,518,702	72,847,428
	SAND & GRAVEL	TONNE	278,374	450,351
	SILVER	KG	2,180	875,304
	ZINC	KG	2,782,174	3,327,480
				201,190,605
SAULT STE MARIE	IRON ORE	TONNE	1,485,254	40,890,078
	LIME	TONNE	380,336	21,896,310
	SAND & GRAVEL	TONNE	1,840,058	3,587,202
	STONE	TONNE	45	3,750
	URANIUM	KG	4,489,464	482,851,000
				549,228,340
SUDBURY	COBALT	KG	1,831,319	94,392,310
	COPPER	KG	136,303,169	301,638,204
	GOLD	G	1,879,023	33,298,165
	IRON ORE	TONNE	1,160,001	56,956,000
	NICKEL	KG	130,252,652	1,001,095,978
	PLATINUM GROUP	KG	11,737	134,788,065
	QUARTZ	TONNE	427,189	9,787,492

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

SL R2DDA1.DAT

April 2, 1986

MINING DIVISION	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
SUDBURY	SAND & GRAVEL	TONNE	5,121,997	8,261,538
	SELENIUM	KG	28,576	679,823
	SILVER	KG	88,263	33,309,835
	SULPHUR	TONNE	311,810	12,491,108
	TELLURIUM	KG	4,445	159,575
	URANIUM	KG	125,300	14,658,660
				<u>1,701,516,753</u>
THUNDER BAY	BISMUTH	KG	312	2,170
	CADMIUM	KG	91,042	450,020
	COPPER	KG	21,764,580	46,238,335
	FELDSPAR	TONNE	960	18,000
	GEMSTONES	TONNE	50	54,000
	GOLD	G	50,761	862,236
	LEAD	KG	132,357	129,907
	SAND & GRAVEL	TONNE	3,213,492	4,777,008
	SILVER	KG	38,053	15,583,025
	STONE	TONNE	649,450	2,700,096
	SULPHUR	TONNE	18,726	750,162
	ZINC	KG	35,214,593	44,386,366
				<u>115,951,325</u>
GRAND TOTAL				<u>4,130,872,231</u>

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

SL R200A1.DAT

APRIL 2, 1986

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MINING DIVISION	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
EASTERN ONTARIO	CALCIUM CEMENT	KG	530,606	3,421,621
	CLAY IN BRICK	TONNE	4,067,347	190,792,978
	CLAY IN OTHER PRODUCT	BRICK	314,088,895	43,619,066
	CLAY IN SEMER PIPE	N/A	N/A	7,906,601
	CLAY IN TILE	METRE	407,399	1,777,691
	GYPSSUM	TILE	18,467,193	4,806,900
	LIME	TONNE	740,030	5,728,570
	MAGNESIUM	TONNE	1,308,598	56,424,397
	MAGNETITE	KG	9,252,035	27,821,844
	NATURAL GAS	TONNE	5,900	57,219
	NEPHELINE SYENITE	CU.M.	445,231,900	33,481,424
	PEAT	TONNE	599,699	16,544,153
	PETROLEUM	TONNE	6,453	833,881
	SALT	CU.M.	93,882	9,787,181
	SAND & GRAVEL	TONNE	4,871,117	71,400,615
	STONE	TONNE	57,986,053	110,344,829
	SULPHUR	TONNE	35,132,499	117,964,113
	TALC	TONNE	20,511	906,019
	TERRAZZO CHIPS	TONNE	8,524	560,640
	URANIUM(U)	TONNE	1,922	97,672
		KG	231,938	23,454,220
				727,731,234
KENORA	CADMIUM	KG	970	6,253
	COPPER	KG	4,416,578	11,034,176
	GOLD	G	81,554	1,909,261
	LEAD	KG	1,625,422	1,686,684
	PEAT	TONNE	1,268	105,000
	SAND & GRAVEL	TONNE	1,872,627	2,425,474
	SILVER	KG	37,164	23,997,410
	STONE	TONNE	643,225	2,851,996
	SULPHUR	TONNE	507	12,198
	ZINC	KG	14,033,292	14,979,422
				59,007,874
LARDER LAKE	BARITE	TONNE	5,000	500,000
	COPPER	KG	75	172
	GOLD	G	3,333,576	66,166,197
	IRON ORE	TONNE	1,213,001	65,301,001
	SAND & GRAVEL	TONNE	1,129,255	1,099,641
	SERPENTINE FILLER	TONNE	4,097	509,822
	SILVER	KG	399	312,017
				133,888,850
PATRICIA	COPPER	KG	11,860,442	30,206,988
	GOLD	G	259,671	5,547,733

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

SL R2000.DAT

MARCH 27, 1986

VOLUME AND VALUE OF ONTARIO MINERAL COMMODITY PRODUCTION IN 1980

REPORT 2 PAGE 2

MINING DIVISION	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
PATRICIA	LEAD	KG	3,651,578	3,569,573
	NICKEL	KG	23,757	209,085
	PLATINUM GROUP	KG	382	3,963,789
	SAND & GRAVEL	TONNE	686,537	188,475
	SILVER	KG	65,099	45,109,868
	STONE	TONNE	248,375	1,721,210
	SULPHUR	TONNE	31,914	767,851
	ZINC	KG	38,457,587	35,958,636
				<u>127,243,208</u>
PORCUPINE	CADMIUM	KG	553,383	3,616,978
	COPPER	KG	63,742,059	164,173,215
	GOLD	G	6,127,048	129,725,468
	LEAD	KG	3,092,622	3,189,389
	SAND & GRAVEL	TONNE	3,245,479	3,253,156
	SILVER	KG	219,572	164,122,266
	STONE	TONNE	25,110	149,074
	SULPHUR	TONNE	66,910	1,606,053
	TALC	TONNE	7,789	1,136,895
	TIN	KG	103,012	1,989,997
	ZINC	KG	155,037,267	148,969,052
				<u>621,931,543</u>
RED LAKE	CADMIUM	KG	529	17,361
	COPPER	KG	1,355,433	3,420,072
	GOLD	G	6,840,150	157,559,941
	IRON ORE	TONNE	1,508,803	65,465,190
	SAND & GRAVEL	TONNE	157,409	239,616
	SILVER	KG	4,731	3,345,518
	ZINC	KG	8,001,557	6,782,630
				<u>236,830,328</u>
SAULT STE MARIE	COPPER	KG	19,372	45,165
	IRON ORE	TONNE	1,549,725	36,653,792
	LIME	TONNE	374,849	17,964,888
	SAND & GRAVEL	TONNE	1,465,072	2,648,138
	URANIUM(U)	KG	4,014,480	419,278,667
				<u>476,590,650</u>
SUDBURY	COBALT	KG	1,685,948	106,900,800
	COPPER	KG	146,570,682	380,495,303
	GOLD	G	1,730,255	39,835,660

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

SL R2DDA.DAT

MARCH 27, 1986

MINING DIVISION	MINERAL COMMODITY	UNIT OF VOLUME	VOLUME	\$ VALUE
SUDBURY	IRON ORE	TONNE	1,136,465	53,079,419
	NICKEL	KG	145,583,704	1,154,659,840
	PLATINUM GROUP	KG	12,394	154,959,589
	QUARTZ	TONNE	398,759	8,234,895
	SAND & GRAVEL	TONNE	7,013,566	9,984,823
	SELENIUM	KG	43,091	1,068,915
	SILVER	KG	85,464	67,072,640
	SULPHUR	TONNE	394,946	9,502,401
	TELLURIUM	KG	4,906	246,560
	URANIUM(U)	KG	182,640	21,366,720
				<u>2,007,407,565</u>
THUNDER BAY	CADMIUM	KG	224,251	1,642,862
	COPPER	KG	17,059,779	41,812,433
	GEHSTONES	TONNE	90	51,736
	GOLD	G	125,245	3,148,822
	IRON ORE	TONNE	1,161,137	41,499,178
	LEAD	KG	590,236	642,176
	SAND & GRAVEL	TONNE	3,726,272	3,265,129
	SILVER	KG	48,598	31,606,403
	STONE	TONNE	255,031	703,007
	SULPHUR	TONNE	26,867	646,420
	ZINC	KG	37,799,322	36,116,914
				<u>161,135,080</u>
GRAND TOTAL				<u><u>4,551,766,332</u></u>

NOTE: THE VALUE OF LIME + CEMENT EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME + CEMENT.

SL R200A.DAT

MARCH 27, 1986

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DIRECT COSTS OF THE MINERAL INDUSTRY IN ONTARIO REPORT 3 PAGE 1

STANDARD INDUSTRIAL CLASS	YEAR	TOTAL EMPLOYMENT	WAGES + SALARIES	FUEL + ELECTRICITY	PROCESS SUPPLIES	TOTAL COST
			\$	\$	\$	\$
GOLD QUARTZ MINES	1977	2548	37442581	4695659	17286782	59425022
	1978	2594	39999068	5616067	19057643	64672778
SIC 0520	1979	2560	44526912	5958844	15932634	66418390
	1980	3150	65072925	8338519	28334353	101745797
	1981	3438	77224128	9935628	29775867	116935623
	1982	3275	88258983	13018166	34508712	135785861
	1983	3578	98282696	15921042	39800828	154004566
	1984	3823	118391280	20320240	70710590	209422110
URANIUM MINES	1977	2984	47312482	8608818	25805362	81726662
	1978	3600	62653681	13283089	56519412	132456182
SIC 0570	1979	4467	90840451	15558614	69113002	175512067
	1980	4848	114952403	24507283	73859193	213318879
	1981	5172	149537232	28442968	95264806	273245006
	1982	4860	174803343	36455060	108663452	319921855
	1983	4642	166534024	36653587	105513591	308701202
	1984	4937	190398325	44263466	114266534	348928325
IRON MINES	1977	3767	67322044	38190477	66230864	171743385
	1978	3608	70607440	43306855	62236000	176150295
SIC 0580	1979	2987	69251674	39673006	58319450	167244130
	1980	2261	55644898	28850950	53660499	138156347
	1981	2168	58824347	33425204	63871261	156120812
	1982	1716	52587594	28257644	43577098	124422336
	1983	1512	53604366	29409268	38699242	121712876
	1984	1592	62642951	33352840	46294036	142289827
COPPER-GOLD-SILVER M	1977	3254	55583246	13392816	45831494	114807556
	1978	3239	57073439	13591268	48150217	118814924
SIC 0591	1979	3474	68667757	16397188	60049807	145114752
	1980	3349	76025103	18109295	65753682	159888080
	1981	3427	89398614	22746702	81159359	193304675
	1982	3279	93581362	23705167	76597073	193883602
	1983	2947	90226627	23833815	68849364	182909806
	1984	2900	93930323	24994108	71206003	190130434

NOTE: THE 1979 AND PREVIOUS YEARS STATISTICS MAY VARY FROM REPORT TO REPORT DUE TO VARIOUS INFORMATION SOURCES AND AGGREGATIONS USED. THE STATISTICS FROM THE 1980 CENSUS ARE FROM A COMMON SOURCE AND THE AGGREGATION METHODS ARE COMPUTER PROGRAMMED.

DIRECT COSTS OF THE MINERAL INDUSTRY IN ONTARIO REPORT 3 PAGE 2

STANDARD INDUSTRIAL CLASS	YEAR	TOTAL EMPLOYMENT	WAGES + SALARIES	FUEL + ELECTRICITY	PROCESS SUPPLIES	TOTAL COST
			\$	\$	\$	\$
NICKEL-COPPER MINES	1977	14452	223348319	27188326	134865341	385401986
	1978	8255	146146243	11366964	89632873	247146080
SIC 0592	1979	7638	148614248	10751503	86178952	245544703
	1980	11704	235360059	17951963	165303098	418615120
	1981	11384	250899731	19452118	183757813	454109662
	1982	10558	193204602	17981702	41715363	252901667
	1983	8515	197679934	29985927	80424792	308090653
	1984	8202	246327216	35382427	107984151	389693794
SILVER-COBALT MINES	1977	192	2760617	353834	773714	3888165
	1978	181	2792710	366990	952435	4112135
SIC 0593	1979	201	3318814	390823	664315	4373952
	1980	237	4618660	463043	1457634	6539337
	1981	229	4859572	550863	1496726	6907261
	1982	195	5360823	672370	1826156	7859349
	1983	194	4748625	668296	2285964	7702885
	1984	184	4526202	752248	2565471	7843921
NON-METALLIC MINES	1977	1157	17506504	5044386	13952390	36503280
	1978	1170	20660687	5529152	13156967	39346806
SIC 0700	1979	1258	24309378	6282725	16866873	47458976
PEAT BOG	1979					
	1980	42	359879	20183	177819	557881
SIC 0720	1981	35	349218	51404	425045	825667
	1982	33	363832	34321	169205	567358
	1983	34	413890	34290	226973	675153
	1984	35	434738	34535	198708	667981
GYPSUM MINES	1979					
	1980	165	2304130	1026917	2392139	5723186
SIC 0730	1981	161	2895764	1184675	3311324	7391763
	1982	126	2456018	1172254	2166241	5794513
	1983	152	3951684	1911654	4126233	8989571
	1984	184	4991891	2269678	5450157	12711726

DIRECT COSTS OF THE MINERAL INDUSTRY IN ONTARIO REPORT 3 PAGE 3

STANDARD INDUSTRIAL CLASS	YEAR	TOTAL EMPLOYMENT	WAGES + SALARIES	FUEL + ELECTRICITY	PROCESS SUPPLIES	TOTAL COST
			\$	\$	\$	\$
TALC & SOAPSTONE M	1979					
	1980	59	922730	560178	554776	2037684
SIC 0791	1981	59	1101120	731695	837764	2670599
	1982	70	1439458	869535	1051362	3360355
	1983	78	1705120	1164842	1496862	4366824
	1984	91	2045366	1401811	1752825	5200002
FELDSPAR & QUARTZ M	1979					
	1980	331	5736345	1980102	2501398	10217845
SIC 0792	1981	330	7385222	2428676	4639761	14453659
	1982	290	7699109	2407234	5035644	15141987
	1983	288	7346191	2635605	5196477	15178273
	1984	263	7123848	2798587	5254440	15176875
SALT MINES	1979					
	1980	687	15947087	4360822	10518516	30826425
SIC 0793	1981	706	17361450	5204386	12640456	35206292
	1982	748	21823558	5963975	14104272	41891805
	1983	773	25041890	7208747	14314890	46565527
	1984	809	26260638	7875111	14316277	48452026
MISC. NON-METAL M	1979					
	1980	19	224610	64476	134505	423591
SIC 0799	1981	35	580087	62188	139815	782090
	1982	31	558092	49217	109872	717181
	1983	28	560213	55976	123071	739260
	1984	29	581173	68041	149727	798941
STONE QUARRIES	1977	1053	16035946	3687214	13241758	32964918
	1978	1005	16935014	4083156	14901393	35919563
SIC 0830	1979	933	18120900	4505341	16188621	38814862

DIRECT COSTS OF THE MINERAL INDUSTRY IN ONTARIO REPORT 3 PAGE 4

STANDARD INDUSTRIAL CLASS	YEAR	TOTAL EMPLOYMENT	WAGES + SALARIES	FUEL + ELECTRICITY	PROCESS SUPPLIES	TOTAL COST
			\$	\$	\$	\$
GRANITE QUARRIES	1979					
	1980	0	0	0	0	0
SIC 0831	1981	120	2260497	1108726	3602223	6971446
	1982	118	2263335	1155862	5150365	8569562
	1983	122	2975472	1483778	5423256	9882506
	1984	114	2976044	1483974	4649373	9109391
LIMESTONE QUARRIES	1979					
	1980	889	17892633	4547766	16420423	38860822
SIC 0832	1981	1049	22885316	8383081	23162102	54430499
	1982	817	21675279	7171563	20836489	49683341
	1983	1071	23137549	7001076	15920702	46059327
	1984	841	23646687	9262946	20290210	53199843
MARBLE QUARRIES	1979					
	1980					
SIC 0833	1981					
	1982					
	1983					
	1984					
SANDSTONE QUARRIES	1979					
	1980					
SIC 0834	1981					
	1982					
	1983					
	1984					
SHALE QUARRIES	1979					
	1980					
SIC 0835	1981					
	1982					
	1983					
	1984					

DIRECT COSTS OF THE MINERAL INDUSTRY IN ONTARIO REPORT 3 PAGE 5 *****

STANDARD INDUSTRIAL CLASS	YEAR	TOTAL EMPLOYMENT	WAGES + SALARIES	FUEL + ELECTRICITY	PROCESS SUPPLIES	TOTAL COST
			\$	\$	\$	\$
SAND AND GRAVEL PITS	1977	1290	20661642	4825767	8398713	33886122
	1978	1208	20275235	4763395	9378222	34416852
SIC 0870	1979	1073	20333063	5007099	9159102	34499264
	1980	1090	17464606	5472706	12707495	35644807
	1981	1159	20470349	8001036	14861079	43332464
	1982	916	18498926	7069376	10778612	36346914
	1983	898	20023533	7030838	12619441	39673812
	1984	728	18178588	7148865	10821858	36149311
SMELTING & REFINING	1977	10134	154873254	62281245	69636831	286791330
	1978	6390	120686758	60083794	55627738	236398290
SIC 2950	1979	6417	135149600	64152389	64743725	264045714
	1980	9481	189857863	100211050	115784620	405853533
	1981	9347	211664043	113556316	101296643	426517002
	1982	8907	201900983	74476007	80883415	357260405
	1983	7989	208509070	92519698	82742341	383771109
	1984	7506	226256171	104173603	95947429	426377203
CLAY PRODUCTS MANUF.	1977	1441	19996563	8755522	10200648	38952733
	1978	1165	16707757	7860493	9341332	33909582
SIC 3510	1979	1316	21076963	9505634	10378009	40960606
	1980	1158	20106074	9733067	9071897	38911038
	1981	972	18991946	12238968	9447412	40678326
	1982	770	15899740	10539888	7340062	33779690
	1983	875	20458078	15806387	11910425	48174890
	1984	936	21103635	17307326	13220797	51631758
CEMENT MANUFACTURERS	1977	1161	20336650	36963645	20447647	77747942
	1978	567	10517344	19574713	10212522	40304579
SIC 3520	1979	1205	25281392	51614609	34886933	111782934
	1980	1248	29633770	46701715	33161538	109497023
	1981	1244	34895941	51386576	33436041	119718558
	1982	1110	34359980	47680918	29762461	111803359
	1983	1130	35203342	45230174	31801634	112235150
	1984	1120	37228532	53361300	35473834	126063666

NOTE: 1979 & PREVIOUS YEARS SAND&GRAVEL & STONE STATS ARE ESTIMATES OF S&G & S INDUSTRIES AND ARE NOT RELIABLE. 1980 AND LATER STATS INCLUDE ONLY LARGE OPERATIONS REPORTING EMPLOYMENT. THE LARGE OPERATIONS IN 1984 PRODUCED 38% OF S&G AND 71% OF LIMESTONE. OTHER REPORTS IN THIS SERIES, FOR EXAMPLE R11, INCLUDE ALL KNOWN OPERATIONS REGARDLESS OF SIZE

DIRECT COSTS OF THE MINERAL INDUSTRY IN ONTARIO REPORT 3 PAGE 8

STANDARD INDUSTRIAL CLASS	YEAR	TOTAL EMPLOYMENT	WAGES + SALARIES	FUEL + ELECTRICITY	PROCESS SUPPLIES	TOTAL COST
			\$	\$	\$	\$
LIME MANUFACTURERS	1977	349	5255453	10275334	3279054	18809841
	1978	252	4087766	9592629	2892702	16573097
SIC 3580	1979	331	5980710	15739071	4946195	26665976
	1980	534	10920895	23989308	9359973	44270176
	1981	487	11081048	30818658	10363856	52263562
	1982	458	11864945	28030041	10066733	49961719
	1983	449	12826862	29982991	10156918	52966771
	1984	469	14231975	32171972	11638523	58042470
GRAND TOTAL FOR ALL SIC'S	1977	43782	688435301	224263043	429950598	1342648942
	1978	33234	589143142	199018565	392059456	1180221163
	1979	33860	675471862	245536846	447427618	1368436326
	1980	41252	863044670	296889343	601153558	1761087571
	1981	41522	982665625	349709968	673489373	2005864966
	1982	38277	948599962	306710300	494342597	1749652859
	1983	35275	973229166	348537991	531633004	1853400161
	1984	* 34763	1101275583	398423078	632190943	2131889604

NOTE: MORE STANDARD INDUSTRIAL CLASSES OF THE MINERAL INDUSTRY ARE SELECTED IN REPORT 3 AND 4A AND 4B THAN IN REPORT 1.
 REPORT 1 COVERS ONLY PRODUCTION OF RAW ORE AND SAND & GRAVEL AND STONE.
 REPORT 3 COVERS, IN ADDITION, SMELTERS AND REFINERIES AND PRODUCTION OF CEMENT, LIME AND CLAY PRODUCTS.

* 38783 INCLUDING 2000 ESTIMATE OF SMALL S&G & STONE INDUSTRIES.

STANDARD INDUSTRIAL CLASS	YEAR	COAL AND COKE	NATURAL GAS	MOTOR GASOLINE EX AVIATN	KEROSENE STOVE OIL NO. 1	DIESEL OIL	LIGHT FUEL OIL NO. 2 + 3	HEAVY FUEL OIL NO. 4, 5+6	LIQUIFIED PETROLEUM GASES	ELECTRICITY PURCHASED INC SERVICE
		TONNE	1000 M3	LITRE	LITRE	LITRE	LITRE	LITRE	LITRE	1000 KWH
GOLD QUARTZ MINES	1977	49	5869	253903	2254	917091	1971525	779049	590450	269594
	1978	46	6483	242465	11847	1228967	2931091	0	1011809	277188
SIC 0520	1979	8	6744	265151	19	1494741	2569546	0	1244251	280736
	1980	348	6310	433434	24017	2491642	2483732	200	1525090	306607
	1981	132	7037	361276	56990	2452163	2485773	0	1433321	293567
	1982	173	8558	972079	817075	2370144	2863039	1594	2204173	335058
	1983	369	8920	702911	207298	5475816	2937677	0	2329767	371258
	1984	367	6942	1272733	352690	10495308	2765594	0	2246168	449892
URANIUM MINES	1977	11987	0	1045650	42046	4086075	2571382	21015110	15916597	259734
	1978	13199	0	1118138	877249	5298136	1578038	24789806	24611831	411190
SIC 0570	1979	14777	0	999653	886347	6066521	1670133	27295875	32831898	474399
	1980	14700	0	1102983	618379	6721397	1643050	41266721	31398016	597760
	1981	359	0	1167631	503610	8490485	1381400	54915309	25490071	555460
	1982	828	0	1051075	251391	9146679	848657	59014018	30394560	697035
	1983	477	0	1002511	224031	8311169	662214	58173812	21372775	657118
	1984	402	0	723050	0	8854996	877958	62749615	24523270	754544
IRON MINES	1977	113049	238487	2377550	4909	29944394	4854046	29253189	1010182	1170493
	1978	119306	245614	2323833	3477	28352854	5317329	27363661	877963	1166671
SIC 0580	1979	121315	211794	1827483	2273	20667007	5022225	13801975	1093048	997556
	1980	86988	79753	971396	0	17091371	3432648	10649839	673816	700463
	1981	93132	76439	1276170	0	17916869	3600721	10371582	517860	698899
	1982	67457	51045	977120	0	11863261	3222327	6278805	678570	507783
	1983	85062	46841	740146	0	10153064	2862673	8671885	655274	474741
	1984	75089	49105	678638	0	12031330	2650871	8887590	1108361	560176

NOTE: THE 1979 AND PREVIOUS YEARS STATISTICS MAY VARY FROM REPORT TO REPORT DUE TO VARIOUS INFORMATION SOURCES AND AGGREGATIONS USED. THE STATISTICS FROM THE 1980 AND LATER CENSUS ARE FROM A COMMON SOURCE AND THE AGGREGATION METHODS ARE COMPUTER PROGRAMMED.

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STANDARD INDUSTRIAL CLASS	YEAR	COAL AND COKE	NATURAL GAS	MOTOR GASOLINE EX AVIATION	KEROSENE STOVE OIL NO.1	DIESEL OIL	LIGHT FUEL OIL NO.2 + 3	HEAVY FUEL OIL NO.4,5+6	LIQUIFIED PETROLEUM GASES	ELECTRICITY PURCHASED INC SERVICE
		TONNE	1000 M3	LITRE	LITRE	LITRE	LITRE	LITRE	LITRE	1000 KWH
COPPER-GOLD-SILVER M	1977	0	17998	1585448	666297	10381673	4857410	6440432	10519797	495123
	1978	0	17742	1245187	635534	7136988	5667046	4861993	10943234	488013
SIC 0591	1979	0	25556	1263577	4501	7802991	5120607	4811045	5254384	570931
	1980	0	22481	845174	0	8644800	6150643	5394584	4323955	569121
	1981	2	22442	1348668	905000	9863852	4794634	4328579	8236959	587247
	1982	3	27550	1170200	727844	8405644	941851	5138317	8209316	551234
	1983	2	26460	988083	547668	7209439	1515206	5347690	6560358	526914
	1984	3	25865	786966	355230	5985226	477273	5329357	4153270	557305
NICKEL-COPPER MINES	1977	0	37064	1294503	1432	10513033	7824534	11792502	7017894	1274547
	1978	0	38242	1002549	818	5672820	6702345	6485074	6853053	326015
SIC 0592	1979	0	35206	877641	409	4454441	3363388	5711803	3351523	316887
	1980	0	37916	1028872	1955	8258089	3122718	10365049	5813363	476746
	1981	0	34755	941134	2432	7219240	2705335	7117239	6339763	482063
	1982	0	24100	646104	1923	3411853	3516336	5812382	4428660	367150
	1983	0	21251	909223	7275	7605024	2247470	6247518	1843006	723044
	1984	0	25289	395044	5177	9674566	1705611	6127658	3342466	912561
SILVER-COBALT MINES	1977	0	0	135568	92667	17929	275415	0	600	13719
	1978	0	0	106851	7878	6891	536174	0	0	11980
SIC 0593	1979	0	0	106347	9774	6987	533447	0	0	12809
	1980	0	0	130032	9173	9602	555037	0	0	12664
	1981	0	0	121794	1215	22675	383912	0	0	13343
	1982	0	0	93287	0	88074	194153	73876	0	15645
	1983	0	0	108407	0	13154	163386	0	0	15297
	1984	0	0	165991	0	16152	181684	0	0	15046
ASBESTOS MINES	1977	0	83	6555	0	29445	0	0	0	3231

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STANDARD INDUSTRIAL CLASS	YEAR	COAL AND COKE	NATURAL GAS	MOTOR GASOLINE EX AVIATION	KEROSENE STOVE OIL NO.1	DIESEL OIL	LIGHT FUEL OIL NO.2 + 3	HEAVY FUEL OIL NO.4,5+6	LIQUIFIED PETROLIUM GASES	ELECTRICITY PURCHASED INC SERVICE
		TONNE	1000 M3	LITRE	LITRE	LITRE	LITRE	LITRE	LITRE	1000 KWH
PEAT BOG	1977	0	0	77069	1427	8360	3573	500	0	171
	1978	0	0	59381	2695	9319	900	2373	0	146
SIC 0720	1979	0	0	86194	2005	5455	900	705	0	135
	1980	0	0	69265	5136	3196	72	72	0	200
	1981	0	182	78070	0	0	0	0	0	293
	1982	0	50	68192	0	0	0	0	0	131
	1983	0	0	75788	0	0	0	0	0	128
	1984	0	0	60766	0	0	0	0	0	104
GYPSUM MINES	1977	0	0	0	0	166559	0	0	0	15754
	1978	0	0	0	0	194345	0	0	0	16056
SIC 0730	1979	0	0	0	0	201451	0	0	0	20875
	1980	0	6777	0	0	176773	45163	224274	0	18548
	1981	0	5689	0	0	193017	413	0	68944	19204
	1982	0	6031	0	0	113535	9580	0	44000	15756
	1983	0	7277	0	0	138063	0	0	21074	22596
	1984	0	8415	0	0	188175	86936	0	86059	26095
TALC & SOAPSTONE M	1977	0	0	19011	53330	4127	0	0	0	2104
	1978	0	282	55030	66677	44205	0	0	0	2586
SIC 0791	1979	0	1674	11852	164796	55258	0	0	0	3780
	1980	0	4116	9135	111495	61645	0	0	0	7913
	1981	0	3705	8707	105918	39135	0	0	940	7832
	1982	0	4109	10750	38100	58380	234311	0	167	9387
	1983	0	5450	14000	56600	103468	182503	0	433	9764
	1984	0	4966	20000	79000	85481	75723	0	0	11919
FELDSPAR & QUARTZ M	1977	0	1281	89171	0	934216	2471830	0	67527	39540
	1978	0	7033	157330	0	1188411	3219499	0	82788	39275
SIC 0792	1979	0	1624	183780	0	1236937	3240889	0	52221	56930

STANDARD INDUSTRIAL CLASS	YEAR	COAL AND COKE	NATURAL GAS	MOTOR GASOLINE EX AVIATION	KEROSENE STOVE OIL NO.1	DIESEL OIL	LIGHT FUEL OIL NO.2 + 3	HEAVY FUEL OIL NO.4,5+6	LIQUIFIED PETROLEUM GASES	ELECTRICITY PURCHASED INC SERVICE
		TONNE	1000 M3	LITRE	LITRE	LITRE	LITRE	LITRE	LITRE	1000 KWH
FELDSPAR & QUARTZ M	1980	0	1745	214864	0	1210380	2603590	0	53066	48155
	1981	0	1700	232040	0	1229497	2350167	0	45088	50881
SIC 0792	1982	0	1666	171881	0	895645	2189710	0	50492	43485
	1983	0	1671	197221	0	957850	2288622	0	41946	44478
	1984	0	1621	180764	0	986193	2026987	0	52675	45453
SALT MINES	1977	0	29486	99327	56112	2453111	113634	0	0	43061
	1978	0	29701	85784	55400	1975998	156006	0	0	45059
SIC 0793	1979	0	30509	91740	54289	2271227	211607	0	18403	44306
	1980	0	32662	61439	55063	2047602	190746	0	115977	44839
	1981	0	33136	24511	155062	1733744	15375	0	117108	42830
	1982	0	28968	19834	55038	2143307	0	0	115059	44410
	1983	0	29607	13414	4927	2380769	0	0	114235	57866
	1984	0	29715	12212	0	2204622	0	0	117733	66725
MISC. NON-METAL M	1977	0	0	10696	0	45460	0	0	0	500
	1979	0	90	0	0	27599	0	0	0	2420
SIC 0799	1980	0	69	7573	0	14071	0	0	1494	1548
	1981	0	65	0	0	40178	0	0	0	1400
	1982	0	69	9722	0	16225	3674	0	435	894
	1983	0	33	6938	0	21732	0	0	0	1039
	1984	0	42	0	0	37441	0	0	0	1197
STONE QUARRIES	1977	0	1074	2539241	640703	11533671	511894	2174208	68073	61366
	1978	0	464	2428325	81484	10868542	1731851	2200857	106455	64702
SIC 0830	1979	0	415	2061456	2886994	8361060	1679658	2229593	176988	58089

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STANDARD INDUSTRIAL CLASS	YEAR	COAL AND COKE	NATURAL GAS	MOTOR GASOLINE EX AVIATION	KEROSENE STOVE OIL NO.1	DIESEL OIL	LIGHT FUEL OIL NO.2 + 3	HEAVY FUEL OIL NO.4,5+6	LIQUIFIED PETROLEUM GASES	ELECTRICITY PURCHASED INC SERVICE
		TONNE	1000 M3	LITRE	LITRE	LITRE	LITRE	LITRE	LITRE	1000 KWH
GRANITE QUARRIES	1979									
	1980									
SIC 0831	1981	0	544	21302	0	277929	3626906	0	33691	8134
	1982	0	4316	20107	0	333957	526176	0	0	8206
	1983	0	5984	22118	0	366693	0	0	0	9686
	1984	0	5743	23023	0	369795	0	0	0	9034
LIMESTONE QUARRIES	1979									
	1980	0	1251	1139195	555685	9883884	1567897	1293582	39128	47949
SIC 0832	1981	0	3463	2702988	533693	16124411	2377718	439004	156209	56460
	1982	0	4780	1627211	384967	12271479	1130589	225695	178032	59165
	1983	0	4761	1607442	62425	11359270	768730	0	136144	61177
	1984	0	3994	1529971	487552	15029427	1297886	0	211518	74300
MARBLE QUARRIES	1979									
	1980									
SIC 0833	1981									
	1982									
	1983									
	1984									
SANDSTONE QUARRIES	1979									
	1980									
SIC 0834	1981									
	1982									
	1983									
	1984									

SL R44.DAT

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STANDARD INDUSTRIAL CLASS	YEAR	COAL AND COKE	NATURAL GAS	MOTOR GASOLINE EX AVIATION	KEROSENE STOVE OIL NO.1	DIESEL OIL	LIGHT FUEL OIL NO.2 + 3	HEAVY FUEL OIL NO.4,5+6	LIQUIFIED PETROLEUM GASES	ELECTRICITY PURCHASED INC SERVICE
		TONNE	1000 M3	LITRE	LITRE	LITRE	LITRE	LITRE	LITRE	1000 KWH
SHALE QUARRIES	1979									
	1980									
SIC 0835	1981									
	1982									
	1983									
	1984									
SAND AND GRAVEL PITS	1977	0	1091	8464165	214898	16530219	188912	96272	102287	36487
	1978	0	137	6564890	295632	17281743	350312	72246	140919	34187
SIC 0870	1979	0	152	5347529	242343	17073364	146402	66555	141015	82021
	1980	0	749	4090198	1077040	12864219	2589880	0	40131	17549
	1981	0	4013	4119412	595995	18187036	1568358	442000	65927	21906
	1982	0	2075	3112977	915058	14359939	1102321	0	79437	24482
	1983	0	1456	1900218	637537	12753823	1580740	508390	178908	24125
	1984	0	2276	1914450	427730	13790676	91759	0	132810	22659
SMELTING & REFINING	1977	41145	354010	977232	0	567347	7903586	259328126	965380	1363615
	1978	28373	258723	740930	0	514094	4622346	127950722	663915	1761341
SIC 2950	1979	7462	232871	664984	37060	417749	3886316	109618041	386054	1959702
	1980	0	331567	1161137	83752	568999	11808552	165313015	646693	3150740
	1981	0	320533	1152474	42626	598413	7744488	129516708	686844	2421553
	1982	0	226685	124648	0	319664	14444354	68692727	817766	1179525
	1983	0	220222	118415	0	407288	3541254	86556832	1026165	1411284
	1984	0	236461	200347	0	481989	5414575	84517347	1172987	1746006

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STANDARD INDUSTRIAL CLASS	YEAR	COAL AND COKE	NATURAL GAS	MOTOR GASOLINE EX AVIATN	KEROSENE STOVE OIL NO.1	DIESEL OIL	LIGHT FUEL OIL NO.2 + 3	HEAVY FUEL OIL NO.4,5+6	LIQUIFIED PETROLIUM GASES	ELECTRICITY PURCHASED IMC SERVICE
		TONNE	1000 M3	LITRE	LITRE	LITRE	LITRE	LITRE	LITRE	1000 KWH
CLAY PRODUCTS MANUF.	1977	0	101870	872876	49170	1324326	4006455	0	344861	68456
	1978	0	79786	746467	14088	1166017	3858198	0	563742	57115
SIC 3510	1979	0	9660	509471	273866	2905329	2259493	0	476753	66145
	1980	0	82104	958907	1697272	4114504	7571911	0	1234009	45238
	1981	0	75779	431010	36075	1097154	2812006	0	433716	62224
	1982	0	53073	200050	18184	1028971	2574090	0	340132	45661
	1983	0	77498	197968	7651	1342980	2823114	0	431155	58949
	1984	0	101296	155017	78508	1992281	1245430	0	495195	64094
CEMENT MANUFACTURERS	1977	316201	157355	383385	204915	2964778	1535146	109751878	89871	573158
	1978	345101	83877	210702	6105	2683143	842535	78059548	92581	290798
SIC 3520	1979	484797	144928	363114	5392	4128536	2168376	115503804	125131	676344
	1980	298661	125886	333680	169563	3481383	1434284	76215934	84732	566059
	1981	426444	101104	333108	4857	4072315	1669624	48059654	78158	574714
	1982	399985	68151	262519	2641	3082005	1318211	19184690	110583	495763
	1983	382228	59508	224972	2721	2183949	1196499	15584765	199276	497538
	1984	453348	60313	237870	2115	2231695	1915500	14787744	190100	551869
LIME MANUFACTURERS	1977	18690	39068	205233	1909	1109277	6549383	77815873	0	50505
	1978	17183	12713	218616	6346	635134	6802528	76559274	0	44929
SIC 3580	1979	22377	133422	217067	2591	985270	2955027	26786835	0	48171
	1980	44621	128949	148687	3410	784078	109613	53105661	0	68057
	1981	69532	165462	222455	0	2089432	114518	29243127	32100	93136
	1982	79437	121344	218325	0	1944009	105523	12541872	25789	68180
	1983	106759	119328	135148	0	1566362	67881	1027114	14019	67793
	1984	103010	126247	123368	0	1124574	87663	4281649	16748	65158

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STANDARD INDUSTRIAL CLASS	YEAR	COAL AND COKE	NATURAL GAS	MOTOR GASOLINE EX AVIATION	KEROSENE STOVE OIL NO.1	DIESEL OIL	LIGHT FUEL OIL NO.2 + 3	HEAVY FUEL OIL NO.4, 5+6	LIQUIFIED PETROLEUM GASES	ELECTRICITY PURCHASED INC SERVICE
		TONNE	1000 M3	LITRE	LITRE	LITRE	LITRE	LITRE	LITRE	1000 KWH
GRAND TOTAL FOR ALL SIC'S	1977	501121	984736	20436583	2032069	93531091	45638725	518447139	36693519	5741158
	1978	523208	780797	17306478	2065230	84257607	44316198	348345554	45948290	5039251
	1979	650736	834645	14877039	4572659	78161923	34828014	305826231	45151669	5672236
	1980	445318	862335	12705971	4411940	78427635	45309536	363828931	45949470	6480156
	1981	589601	856048	14542750	2943473	91647545	37631348	284433202	43736699	5991146
	1982	547883	632570	10756081	3214221	71852191	35224872	176963976	47677171	4468950
	1983	574897	630267	8964923	1758133	72349913	22837969	182118006	34924535	5034795
	1984	632219	688290	8480210	1788002	85579927	20901450	186680960	37849360	5934137

NOTE: 1979 & PREVIOUS YEARS SAND & GRAVEL & STONE STATS ARE ESTIMATES OF S&G & S INDUSTRIES AND ARE NOT RELIABLE. 1980 AND LATER STATS INCLUDE ONLY LARGE OPERATIONS REPORTING EMPLOYMENT. THE LARGE OPERATIONS IN 1984 PRODUCED 38% OF S&G AND 71% OF LIMESTONE. OTHER REPORTS IN THIS SERIES, FOR EXAMPLE R11, INCLUDE ALL KNOWN OPERATIONS REGARDLESS OF SIZE.

STANDARD INDUSTRIAL CLASS	YEAR	COAL AND COKE	NATURAL GAS	MOTOR GASOLINE EX AVIATION	KEROSENE STOVE OIL NO. 1	DIESEL OIL	LIGHT FUEL OIL NO. 2 + 3	HEAVY FUEL OIL NO. 4, 5+6	LIQUIFIED PETROLEUM GASES	ELECTRICITY PURCHASED INC SERVICE
		\$	\$	\$	\$	\$	\$	\$	\$	\$
GOLD QUARTZ MINES	1980	30864	675818	89053	5600	362920	392542	150	220730	6560592
	1981	13138	847668	137728	18736	760752	545868	0	257276	7334462
SIC 0520	1982	17806	1112510	382689	222148	878860	744361	510	417073	9229491
	1983	37503	1351410	315559	82810	1659688	815140	0	580740	11078192
	1984	41819	1169307	602186	155328	3147348	802718	0	597844	13803690
URANIUM MINES	1980	1181351	0	272736	102077	1187657	262777	5632382	3816262	12052041
	1981	31053	0	387244	131829	2062709	324236	8780933	3853067	12871897
SIC 0570	1982	79859	0	406441	68735	2531654	213022	10448066	5154806	17552477
	1983	44309	0	411744	42360	2337102	164827	10885535	4232183	18535527
	1984	36765	0	297706	0	2713861	166802	13063511	5199879	22784942
IRON MINES	1980	2416196	7118340	324402	0	3131380	526570	1205997	99795	14028270
	1981	3040434	7975354	391195	0	4290066	707622	1421178	104168	15495187
SIC 0580	1982	2355463	6538574	366434	0	3219393	763961	1033852	144600	13835367
	1983	3431396	6797144	296429	0	2896914	718689	1605024	166480	13497192
	1984	2958156	7521580	265981	0	3566986	676757	1984198	294954	16084228
COPPER-GOLD-SILVER M	1980	0	2189074	300371	0	1677475	912453	719636	673822	11636464
	1981	267	2613131	429313	217000	2373266	1073258	865054	1590642	13584771
SIC 0591	1982	625	3808549	444275	197292	2361137	238197	1006229	1811090	13837773
	1983	477	4287765	412946	164200	2091501	410661	1017243	1375532	14073490
	1984	670	4282848	340214	98578	1755438	143819	1441745	913544	16017252
NICKEL-COPPER MINES	1980	0	3421152	261233	345	1461557	824770	1308320	807716	9835470
	1981	0	4091454	321425	605	1766347	758462	1212209	1103909	10126907
SIC 0592	1982	0	3170272	225916	270	960014	853084	1030576	794367	10947203
	1983	0	3362694	369345	2339	2050698	555620	1196274	358879	22073741
	1984	0	4105534	159219	1761	2980665	463787	1325268	662314	25662627

NOTE: THE 1979 AND PREVIOUS YEARS STATISTICS MAY VARY FROM REPORT TO REPORT DUE TO VARIOUS INFORMATION SOURCES AND AGGREGATIONS USED. THE STATISTICS FROM THE 1980 AND LATER CENSUS ARE FROM A COMMON SOURCE AND THE AGGREGATION METHODS ARE COMPUTER PROGRAMMED.

SL RAB.DAT

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STANDARD INDUSTRIAL CLASS	YEAR	COAL AND COKE	NATURAL GAS	MOTOR GASOLINE EX AVIATH	KEROSENE STOVE OIL NO. 1	DIESEL OIL	LIGHT FUEL OIL NO. 2 + 3	HEAVY FUEL OIL NO. 4, 5+6	LIQUIFIED PETROLIUM GASES	ELECTRICITY PURCHASED INC SERVICE
		\$	\$	\$	\$	\$	\$	\$	\$	\$
SILVER-COBALT MINES	1980	0	0	38375	1649	2623	97204	0	0	323192
	1981	0	0	41176	278	8352	91908	0	0	396485
SIC 0993	1982	0	0	41620	0	34897	56774	23862	0	515217
	1983	0	0	51843	0	4855	54188	0	0	557410
	1984	0	0	81117	0	5472	68126	0	0	597533
PEAT BOG	1980	0	0	13943	922	414	68	73	0	4763
	1981	0	20000	23421	0	0	0	0	0	7983
SIC 0720	1982	0	6000	24549	0	0	0	0	0	3772
	1983	0	0	30315	0	0	0	0	0	3975
	1984	0	0	30383	0	0	0	0	0	4152
GYPSTUM MINES	1980	0	542133	0	0	32116	6801	27269	0	418598
	1981	0	625788	0	0	47504	95	0	11031	500257
SIC 0730	1982	0	463421	0	0	31763	2150	0	10167	464753
	1983	0	1178787	0	0	48104	0	0	6196	678567
	1984	0	1348104	0	0	60805	23898	0	25301	811570
TALC & SOAPSTONE M	1980	0	329300	2165	19742	15846	0	0	0	193125
	1981	0	432048	2565	23723	13205	0	0	216	259938
SIC 0791	1982	0	517374	4460	11575	22435	53423	0	50	260218
	1983	0	716036	5800	19000	41842	50678	0	130	331356
	1984	0	807533	9060	26600	49813	26469	0	0	461195
FELDSPAR & QUARTZ M	1980	0	154403	56803	0	229557	406807	0	8616	1123916
	1981	0	193851	77315	0	325442	499772	0	9132	1323164
SIC 0792	1982	0	232035	62537	0	258331	531002	0	12007	1311322
	1983	0	265462	74153	0	368113	564039	0	11329	1452509
	1984	0	254526	82044	0	287218	562184	0	14842	1597773

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STANDARD INDUSTRIAL CLASS	YEAR	COAL AND COKE	NATURAL GAS	MOTOR GASOLINE EX AVIATH	KEROSENE STOVE OIL NO.1	DIESEL OIL	LIGHT FUEL OIL NO.2 + 3	HEAVY FUEL OIL NO.4,5+6	LIQUIFIED PETROLIUM GASES	ELECTRICITY PURCHASED INC SERVICE
		\$	\$	\$	\$	\$	\$	\$	\$	\$
SALT MINES	1980	0	2639606	14313	8483	471170	30888	0	15985	1180377
	1981	0	3363225	7844	32339	502148	1823	0	19599	1277408
SIC 0793	1982	0	3818706	7434	14728	667877	0	0	21933	1433297
	1983	0	4550717	5341	1971	671133	0	0	23785	1955800
	1984	0	4804632	5368	0	645063	0	0	24511	2395537
MISC. NON-METAL M	1980	0	8125	1944	0	2815	0	0	278	51314
	1981	0	7143	0	0	10047	0	0	0	44998
SIC 0799	1982	0	8220	3500	0	5232	845	0	100	31320
	1983	0	4306	2775	0	7017	0	0	0	41878
	1984	0	6304	0	0	13144	0	0	0	48593
GRANITE QUARRIES	1980	0	0	0	0	0	0	0	0	0
	1981	0	74654	5306	0	69120	721831	0	5971	231844
SIC 0831	1982	0	668136	6072	0	93340	116859	0	0	271495
	1983	0	1034266	6801	0	104541	0	0	0	338170
	1984	0	1007508	9959	0	114635	0	0	0	351872
LIMESTONE QUARRIES	1980	0	125802	261014	88603	1770244	272745	122017	24789	1607252
	1981	0	394707	834789	120641	3995721	546752	122921	31640	2335890
SIC 0832	1982	0	638872	582765	90412	3406858	275331	45139	40982	2091204
	1983	0	809951	547906	14731	3173064	191713	0	36422	2227289
	1984	0	669808	609904	144000	4454770	363381	0	55483	2965400
MARBLE QUARRIES	1980									
	1981									
SIC 0833	1982									
	1983									
	1984									

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STANDARD INDUSTRIAL CLASS	YEAR	COAL AND COKE	NATURAL GAS	MOTOR GASOLINE EX AVIATION	KEROSENE STOVE OIL NO. 1	DIESEL OIL	LIGHT FUEL OIL NO. 2 + 3	HEAVY FUEL OIL NO. 4, 5 + 6	LIQUIFIED PETROLEUM GASES	ELECTRICITY PURCHASED I/MC SERVICE
		\$	\$	\$	\$	\$	\$	\$	\$	\$
SANDSTONE QUARRIES	1980									
	1981									
SIC 0834	1982									
	1983									
	1984									
SHALE QUARRIES	1980									
	1981									
SIC 0835	1982									
	1983									
	1984									
SAND AND GRAVEL PITS	1980	0	69492	1129014	192512	2798233	495029	0	13585	774841
	1981	0	250248	1238812	141678	4966097	349698	83980	15004	976774
SIC 0870	1982	0	201519	1096325	281502	4442989	250616	0	17416	779009
	1983	0	258724	781917	134138	4323926	474153	101678	41044	915258
	1984	0	413496	777300	86793	4695661	27035	0	33028	1115552
SMELTING & REFINING	1980	0	29374691	276761	24105	85851	1220843	18588608	82504	50463576
	1981	0	36547523	374403	15915	186677	1429667	19502903	114596	55160549
SIC 2950	1982	0	28693926	45954	0	94818	3506084	11314349	142615	29714261
	1983	0	33515550	44113	0	118922	894793	17177747	227529	38490844
	1984	0	37502149	84139	0	147341	1491358	17657940	257295	49594581
CLAY PRODUCTS MANUF.	1980	0	7068025	59460	60195	223653	471174	0	268645	1371625
	1981	0	9138303	139827	7027	308630	592833	0	89331	1943517
SIC 3510	1982	0	7736345	75459	3455	362077	615721	0	76220	1653506
	1983	0	12247738	85106	2321	469862	686455	0	104467	2193938
	1984	0	13577781	67830	0	446981	577708	0	120473	2516553

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STANDARD INDUSTRIAL CLASS	YEAR	COAL AND COKE	NATURAL GAS	MOTOR GASOLINE EX AVIATION	KEROSENE STOVE OIL NO. 1	DIESEL OIL	LIGHT FUEL OIL NO. 2 + 3	HEAVY FUEL OIL NO. 4, 5+6	LIQUIFIED PETROLEUM GASES	ELECTRICITY PURCHASED INC SERVICE
		\$	\$	\$	\$	\$	\$	\$	\$	\$
CEMENT MANUFACTURERS	1980	12241928	10231159	77191	24590	618020	217106	7522686	15098	12343839
	1981	18688449	10848681	100307	1283	939004	374858	6333950	18883	14033355
SIC 3520	1982	20376991	9088615	91749	803	874241	313392	3067768	29991	13798068
	1983	19286487	7544562	85704	861	582423	296170	2768052	54645	14438894
	1984	23326575	8451778	98216	726	631314	524627	2938060	56020	17333984
LINE MANUFACTURERS	1980	2348175	11085256	31249	597	138011	17572	5399401	0	1614332
	1981	4715518	19235077	64057	0	484469	25051	3920046	5301	2368367
SIC 3580	1982	5632592	17237820	74283	0	614209	26523	2257537	5503	2181574
	1983	7384579	19599227	45925	0	427235	17430	187083	3014	2318498
	1984	7547332	20716361	44661	0	322135	28771	1030649	4522	2477541
GRAND TOTAL FOR ALL SIC'S	1980	18218514	75032376	3210027	529420	14209542	6155349	40526539	6047825	125583587
	1981	26488859	96678855	4576727	711074	23109556	8043734	42243174	7229766	140273753
	1982	28463336	84140894	3942462	890920	20860125	8561345	30227888	8678920	119911287
	1983	30184751	97524339	3573722	464731	21276940	5894556	34938636	7222375	145202530
	1984	33911317	106639249	3565287	513786	26038650	5947440	39441371	8260210	176624575

NOTE: 1979 & PREVIOUS YEARS SAND & GRAVEL & STONE STATS ARE ESTIMATES OF S&G & S INDUSTRIES AND ARE NOT RELIABLE. 1980 AND LATER STATS INCLUDE ONLY LARGE OPERATIONS REPORTING EMPLOYMENT. THE LARGE OPERATIONS IN 1984 PRODUCED 38% OF S&G AND 71% OF LIMESTONE. OTHER REPORTS IN THIS SERIES, FOR EXAMPLE R11, INCLUDE ALL KNOWN OPERATIONS REGARDLESS OF SIZE.

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STANDARD INDUSTRIAL CLASS	YEAR	EXPLORATION DIAMOND DRILLING	DRILLING FOR ORE & WASTE ROCK	SHAFTS	DECLINES AND ADITS	RAISES AND WINZES	DRIFTS AND CROSSCUTS
		METRE	METRE	METRE	METRE	METRE	METRE
GOLD QUARTZ MINES SIC 0520	1977	48599	0	0	0	4363	7437
	1978	61193	0	0	0	5367	10981
	1979	92597	0	0	0	5890	11779
	1980	72605	1732927	0	65	4946	11424
	1981	106203	2082729	0	122	6705	16026
	1982	97899	2270752	24144	850	7550	20258
	1983	121792	2605984	38427	410	6509	16459
	1984	139539	2213786	33934	683	6331	16754
URANIUM MINES SIC 0570	1977	45172	0	0	0	10556	27731
	1978	55294	0	0	0	9438	27801
	1979	58061	0	0	0	10832	36944
	1980	55385	5850397	0	6780	8970	36490
	1981	57334	4099021	0	5691	1844	36568
	1982	52343	7342400	0	2713	7674	69773
	1983	40984	5448638	0	1130	6895	59947
	1984	50527	8475054	0	1139	7861	61116
IRON MINES SIC 0580	1977	4820	0	0	0	842	3627
	1978	16711	0	0	0	1175	3748
	1979	10503	0	0	0	1269	4567
	1980	0	430086	3635	2598	799	31
	1981	11208	433150	4689	2743	542	0
	1982	9139	312124	3529	1504	562	0
	1983	32	236025	2531	866	433	0
	1984	660	372230	3302	1034	512	0
COPPER-GOLD-SILVER M SIC 0591	1977	90421	0	0	0	5265	17125
	1978	28338	0	0	0	4685	12098
	1979	51559	0	0	0	4904	15660
	1980	74535	1287495	1	1701	7066	15559
	1981	74159	1632800	94	2238	7326	20241
	1982	50918	1349811	488	447	7430	20799
	1983	64760	1161428	3	845	6652	19563
	1984	100530	1108136	325	89	8710	22856

NOTE: EXPLORATION DIAMOND DRILLING INCLUDE "ON PROPERTY" EXPLORATION, TESTING AND ORE OUTLINE DRILLING.

NOTE: IN 1980 AND LATER YEARS THE DRILLING STATISTICS ARE REPORTED IN TWO CATEGORIES (EXPLORATION & ORE PRODUCTION) BUT IN PREVIOUS YEARS ONLY EXPLORATION DIAMOND DRILLING IS REPORTED.

SL RS.DAT

April 3, 1986

STANDARD INDUSTRIAL CLASS	YEAR	EXPLORATION DIAMOND DRILLING	DRILLING FOR ORE & WASTE ROCK	SHAFTS	DECLINES AND ADITS	RAISES AND MINZES	DRIFTS AND CROSSCUTS
		METRE	METRE	METRE	METRE	METRE	METRE
NICKEL-COPPER MINES	1977	171998	0	0	0	11886	45362
	1978	94222	0	0	0	5144	17774
SIC 0592	1979	94215	0	0	0	4466	17576
	1980	140651	10157142	582	5953	7066	29499
	1981	139186	9553242	0	6913	4316	27565
	1982	81651	4498125	0	3196	1956	12765
	1983	62739	5543192	0	4246	2154	31460
	1984	105806	7284273	258	5425	4805	57536
SILVER-COBALT MINES	1977	21729	0	0	0	35	222
	1978	22584	0	0	0	221	468
SIC 0593	1979	18072	0	0	0	33	275
	1980	11088	207360	0	0	293	1328
	1981	21329	172528	0	0	257	1376
	1982	24535	161097	0	0	438	2246
	1983	38453	158959	0	0	853	1177
	1984	37389	181625	0	0	654	2288
PEAT BOG	1979						
	1980						
SIC 0720	1981						
	1982						
	1983						
	1984						
GYPSUM MINES	1979						
	1980	430	83045	0	0	0	0
SIC 0730	1981	0	113891	0	0	0	0
	1982	0	175000	0	0	0	0
	1983	762	361812	0	0	0	0
	1984	469	786574	0	0	0	0

STANDARD INDUSTRIAL CLASS	YEAR	EXPLORATION DIAMOND DRILLING	DRILLING FOR ORE & WASTE ROCK	SHAFTS	DECLINES AND ADITS	RAISES AND WINES	DRIFTS AND CROSSCUTS
		METRE	METRE	METRE	METRE	METRE	METRE
TALC & SOAPSTONE M	1979						
	1980	0	0	0	0	16	31
SIC 0791	1981	1327	0	0	40	0	0
	1982	3123	0	0	0	0	14
	1983	28	1050	0	0	0	21
	1984	1646	1100	0	0	0	61
FELDSPAR & QUARTZ M	1979						
	1980	798	76723	0	0	0	0
SIC 0792	1981	1008	98070	0	0	0	0
	1982	0	48755	0	0	0	0
	1983	183	60307	0	0	0	0
	1984	2347	112092	0	0	0	0
SALT MINES	1979						
	1980	0	4	0	0	0	0
SIC 0793	1981	0	0	0	0	0	0
	1982	0	9	0	0	0	0
	1983	0	0	0	0	0	0
	1984	0	0	0	0	0	0
MISC. NON-METAL M	1979						
	1980	0	0	0	0	0	0
SIC 0799	1981	355	732	0	457	0	0
	1982	0	406	0	0	0	0
	1983	0	700	0	0	0	0
	1984	0	500	0	0	0	0

SL RES.DAT

APRIL 3, 1986

STANDARD INDUSTRIAL CLASS	YEAR	EXPLORATION DIAMOND DRILLING	DRILLING FOR ORE & WASTE ROCK	SHAFTS	DECLINES AND ADITS	RAISES AND WINZES	DRIFTS AND CROSSCUTS
		METRE	METRE	METRE	METRE	METRE	METRE
GRAND TOTAL FOR ALL SIC'S							
	1977	382739	0	0	0	32947	101504
	1978	278342	0	0	0	26030	72870
	1979	325007	0	0	0	27394	86801
	1980	355492	19825179	4218	17097	29156	94362
	1981	412109	18186163	4783	18204	20990	101776
	1982	319608	16158479	28161	8710	25610	125855
	1983	329733	15578095	40961	7497	23496	128627
	1984	438913	20535370	37819	8370	28873	160611

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1 OUTSIDE OR GENERAL EXPLORATION

TYPE OF MINERAL SOUGHT	DIAMOND DRILLING \$	GEO- CHEMICAL \$	GEOLOGY \$	GEO- PHYSICAL \$	AIRBORNE GEOPHYSICAL \$	OTHER WORKS \$	TOTAL \$
GOLD ONLY	19554774	1736917	4518328	2746680	643565	11105982	40306246
GOLD & OTHER METALS (INCL.SILVER)	2229062	317391	838746	453159	139751	2051334	6029443
SILVER ONLY	413489	560	98171	15080	0	111816	639116
SILVER & OTHER METALS (EXCL.GOLD)	78997	11531	3051	94050	0	87768	275397
BASE METALS	2589554	432385	1007547	347779	239316	784470	5401051
NON-METALS	84000	0	0	0	0	0	84000
TANTALUM, NIOBIUM	0	1564	1807	0	0	0	3371
MOLYBDENUM	0	0	0	0	0	3624	3624
TUNGSTEN, TIN	98432	0	104689	7500	0	86939	297540
TITANIUM	0	0	4398	0	0	1206	5604
DIAMONDS	15403	723906	60	155136	300386	186249	1381140
VARIOUS METALS	27900	187800	403200	40500	28000	759000	1446400
TOTAL	25091611	3412054	6979997	3859884	1351018	15178388	55872952

2 MINE OR ON-PROPERTY EXPLORATION

GOLD ONLY	1711092	3000	419767	19500	0	1316574	3469933
GOLD & OTHER METALS (INCL.SILVER)	840576	7483	59641	87234	0	0	994934
SILVER ONLY	2130922	0	0	0	0	0	2130922
BASE METALS	1074418	22800	164806	42600	0	1224371	2528995
NON-METALS	77000	2000	15000	0	0	76654	170654
IRON	17500	0	0	0	0	0	17500
TOTAL	5851508	35283	659214	149334	0	2617599	9312938

COST OF ALL PHYSICAL WORK AND SURVEYS
PERFORMED IN THE PROVINCE OF ONTARIO
1984

REPORT 5X PAGE 2

3 MINE OR ON-PROPERTY DEVELOPMENT

	DIAMOND DRILLING \$	SHAFT \$	DRIFTS CROSS-CUTS \$	RAISES DECLINES \$	STRIPPING \$	OTHER WORKS \$	TOTAL \$
GOLD	11124173	50452632	11439872	5314276	10494000	1791379	90616332
SILVER	0	0	1824906	456302	0	0	2281208
BASE METALS	1235534	7276239	14224567	3527300	0	11691634	37955274
IRON	0	0	0	0	6067144	0	6067144
URANIUM	2451224	0	48936734	8810060	0	0	60198018
NON-METALS	12000	0	7724915	0	208377	33000	7978292
TOTAL	14822931	57728871	84150994	18107938	16769521	13516013	205096268
GRAND TOTAL							270282158

TOTALS OF EXPLORATION AND DEVELOPMENT COSTS

DIAMOND DRILLING	\$ 45,766,050
GEOCHEMICAL	3,447,337
GEOLOGY	7,639,211
GEOPHYSICAL	4,009,218
AIRBORNE GEOPHYSICAL	1,351,018
SHAFT	57,728,871
DRIFTS AND CROSSCUTS	84,150,994
RAISES AND DECLINES	18,107,938
STRIPPING	16,769,521
OTHER WORKS	31,312,000

GRAND TOTAL \$ 270,282,158

NOTE: THIS REPORT, 5X, COVERS ALL EXPLORATION WORK DONE IN ONTARIO WHILE REPORT 5 COVERS JUST WORK BY THE MINES.

NOTE: SOME EXPLORATION COMPANIES REPORTED THAT THEY WERE SEARCHING FOR 'GOLD & OTHER METALS' NOT JUST 'GOLD ONLY'. THE COSTS IDENTIFIED IN THE 'GOLD ONLY' ROW OF DATA ARE NOT INCLUDED IN THE 'GOLD & OTHER METALS' ROW OF DATA.

LG RSX.DAT

1 OUTSIDE OR GENERAL EXPLORATION

TYPE OF MINERAL SOUGHT	DIAMOND DRILLING \$	GEO- CHEMICAL \$	GEOLOGY \$	GEO- PHYSICAL \$	AIRBORNE GEOPHYSICAL \$	OTHER WORKS \$	TOTAL \$
GOLD ONLY	14165337	1824295	4914954	3484804	611678	5559076	30560144
GOLD & OTHER METALS (INCL.SILVER)	1516505	369023	502107	856287	412172	866867	4522961
SILVER ONLY	200139	1526	43735	19719	0	9426	274545
SILVER & OTHER METALS (EXCL.GOLD)	90700	16973	10562	12615	0	45311	176161
BASE METALS	7196902	590452	1756430	744086	284445	1918714	12491029
URANIUM	105526	10000	40000	50000	0	36217	241743
NON-METALS	248170	0	40832	0	0	93106	382108
TANTALUM	0	4886	0	600	0	0	5486
MOLYBDENUM	0	11000	0	0	0	0	11000
TUNGSTEN,TIN	64890	353	13621	2596	0	4176	85636
TITANIUM	64710	0	55792	16305	0	4731	141538
VARIOUS METALS	455057	49058	316265	219839	1443679	1057964	3541862
TOTAL	24107936	2877566	7694298	5406851	2751974	9595588	52434213

2 MINE OR ON-PROPERTY EXPLORATION

GOLD ONLY	3952402	281873	872253	415757	39260	1831923	7393468
GOLD & OTHER METALS (INCL.SILVER)	598623	4447	11789	56850	0	528506	1200215
SILVER ONLY	2050871	0	0	0	0	7869	2058740
SILVER & OTHER METALS (EXCL. GOLD)	496200	0	530000	0	0	0	1026200
BASE METALS	1077862	2670	6363	21671	0	1772522	2881088
NON-METALS	6950	9837	13289	0	0	14062	44138
VARIOUS METALS	89140	0	0	0	0	0	89140
TOTAL	8272048	298827	1433694	494278	39260	4154882	14692989

COST OF ALL PHYSICAL WORK AND SURVEYS
PERFORMED IN THE PROVINCE OF ONTARIO
1983

REPORT 5X PAGE 2

3 MINE OR ON-PROPERTY DEVELOPMENT

	DIAMOND DRILLING \$	SHAFT \$	DRIFTS CROSS-CUTS \$	RAISES DECLINES \$	STRIPPING \$	OTHER WORKS \$	TOTAL \$
GOLD ONLY	9269681	8563121	9710837	4573779	4528481	697660	37343559
GOLD & OTHER METALS (INCL. SILVER)	1076798	0	6789400	3214100	0	8848300	19928598
SILVER ONLY	61748	373464	1383882	327914	0	179781	2326789
SILVER & OTHER METALS (EXCL. GOLD)	853232	0	7616111	3828839	0	0	12298182
BASE METALS	773148	875838	8079410	2429713	0	6842869	19000978
IRON	233546	0	2823097	1403816	7465000	0	11925459
URANIUM	1087940	0	0	0	0	0	1087940
NON-METALS	0	0	208000	0	138281	0	346281
TOTAL	13356093	9812423	36610737	15778161	12131762	16568610	104257786
GRAND TOTAL							171384988

TOTALS OF EXPLORATION AND DEVELOPMENT COSTS

DIAMOND DRILLING	\$ 45,736,077
GEOCHEMICAL	3,176,393
GEOLOGY	9,127,992
GEOPHYSICAL	5,901,129
AIRBORNE GEOPHYSICAL	2,791,234
SHAFT	9,812,423
DRIFTS AND CROSSCUTS	36,610,737
RAISES AND DECLINES	15,778,161
STRIPPING	12,131,762
OTHER WORKS	30,319,080
GRAND TOTAL	\$ 171,384,988

NOTE: THIS REPORT, 5X, COVERS ALL EXPLORATION WORK DONE IN ONTARIO WHILE REPORT 5 COVERS JUST WORK BY THE MINES.

NOTE: SOME EXPLORATION COMPANIES REPORTED THAT THEY WERE SEARCHING FOR 'GOLD & OTHER METALS' NOT JUST 'GOLD ONLY'. THE COSTS IDENTIFIED IN THE 'GOLD ONLY' ROW OF DATA ARE NOT INCLUDED IN THE 'GOLD & OTHER METALS' ROW OF DATA.

LG R5X.DAT

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MINERAL COMMODITY	YEAR	UNIT OF VOLUME	ONT. MINE PRODUCTION	ONT. MINE PRODUCTION SMELTED IN ONTARIO AS A % OF ONT. MINE PRODUCTION		ONT. MINE PRODUCTION SMELTED IN OTHER PROVINCES AS A % OF ONT. MINE PRODUCTION		ONT. MINE PRODUCTION SMELTED OUTSIDE OF CANADA AS A % OF ONT. MINE PRODUCTION	
					%		%		%
CADMIUM	1977	TONNE	603	359	59.5	183	30.3	61	10.1
	1978		518	317	61.2	130	25.1	71	13.7
	1979		673	493	73.3	151	22.4	29	4.3
	1980		779	467	59.9	225	28.9	87	11.2
	1981		609	483	79.3	91	14.9	35	5.7
	1982		549	460	83.8	82	14.9	7	1.3
	1983		668	429	64.2	229	34.3	10	1.5
	1984		834	623	74.7	208	24.9	4	.5
CALCIUM	1977	TONNE	491	491	100.0	0	.0	0	.0
	1978		575	575	100.0	0	.0	0	.0
	1979		456	456	100.0	0	.0	0	.0
	1980		531	531	100.0	0	.0	0	.0
	1981		469	469	100.0	0	.0	0	.0
	1982		329	329	100.0	0	.0	0	.0
	1983		399	399	100.0	0	.0	0	.0
	1984		515	515	100.0	0	.0	0	.0
COBALT	1977	TONNE	1263	1263	100.0	0	.0	0	.0
	1978		907	907	100.0	0	.0	0	.0
	1979		1278	1278	100.0	0	.0	0	.0
	1980		1686	1686	100.0	0	.0	0	.0
	1981		1831	1831	100.0	0	.0	0	.0
	1982		966	966	100.0	0	.0	0	.0
	1983		1025	1025	100.0	0	.0	0	.0
	1984		1614	1614	100.0	0	.0	0	.0
COPPER	1977	TONNE	279936	165041	59.0	113673	40.6	1223	.4
	1978		197093	99229	50.3	96929	49.2	935	.5
	1979		192946	83805	43.4	108833	56.4	308	.2
	1980		245024	146582	59.8	97900	40.0	542	.2
	1981		226385	136290	60.2	89196	39.4	899	.4
	1982		157849	86476	54.8	70763	44.8	610	.4
	1983		226796	150478	66.3	75981	33.5	337	.1
	1984		292423	218495	74.7	66773	22.8	7155	2.4
GOLD	1977	G	22989000	19845000	86.3	2311000	10.1	833000	3.6

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APRIL 1, 1986

MINERAL COMMODITY	YEAR	UNIT OF VOLUME	ONT. MINE PRODUCTION	ONT. MINE PRODUCTION SMELTED IN ONTARIO		ONT. MINE PRODUCTION SMELTED IN OTHER PROVINCES		ONT. MINE PRODUCTION SMELTED OUTSIDE OF CANADA	
				ONT. MINE PRODUCTION SMELTED IN ONTARIO	ONT. MINE PRODUCTION SMELTED IN ONTARIO AS A % OF ONT. MINE PRODUCTION	ONT. MINE PRODUCTION SMELTED IN OTHER PROVINCES	ONT. MINE PRODUCTION SMELTED IN OTHER PROVINCES AS A % OF ONT. MINE PRODUCTION	ONT. MINE PRODUCTION SMELTED OUTSIDE OF CANADA	ONT. MINE PRODUCTION SMELTED OUTSIDE OF CANADA AS A % OF ONT. MINE PRODUCTION
					%		%		%
GOLD	1978		21805000	18483000	84.8	2231000	10.2	1091000	5.0
	1979		19173000	16685000	87.0	2041000	10.6	447000	2.3
	1980		18498000	15537000	84.0	1780000	9.6	1180000	6.4
	1981		18308000	15527000	84.8	1488000	8.1	1293000	7.1
	1982		20136000	17707000	87.9	1758000	8.7	671000	3.3
	1983		23260000	20650000	88.8	1708000	7.3	902000	3.9
	1984		27821000	21479000	77.2	3026000	10.9	3316000	11.9
IRON ORE	1977	TONNE	10319657	7116667	69.0	0	.0	3202990	31.0
	1978		9600001	7163884	74.6	0	.0	2436117	25.4
	1979		7874938	6554647	83.2	0	.0	1320291	16.8
	1980		6569132	5449228	83.0	0	.0	1119904	17.0
	1981		5394620	5365708	99.5	0	.0	28912	.5
	1982		3650257	3593517	98.4	0	.0	56740	1.6
	1983		3815699	3641085	95.4	0	.0	174614	4.6
	1984		4550660	4550660	100.0	0	.0	0	.0
LEAD	1977	TONNE	8138	441	5.4	1255	15.4	6443	79.2
	1978		7060	262	3.7	1898	26.9	4900	69.4
	1979		6969	485	7.0	5271	75.6	1213	17.4
	1980		8960	392	4.4	5535	61.8	3032	33.8
	1981		3384	1267	37.4	132	3.9	1984	58.6
	1982		5697	3238	56.8	456	8.0	2003	35.2
	1983		6544	2502	38.2	4042	61.8	0	.0
	1984		8931	5104	57.1	322	3.6	3505	39.2
MAGNESIUM	1977	TONNE	7633	7633	100.0	0	.0	0	.0
	1978		8311	8311	100.0	0	.0	0	.0
	1979		9015	9015	100.0	0	.0	0	.0
	1980		9252	9252	100.0	0	.0	0	.0
	1981		8548	8548	100.0	0	.0	0	.0
	1982		7630	7630	100.0	0	.0	0	.0
	1983		5980	5980	100.0	0	.0	0	.0
	1984		7588	7588	100.0	0	.0	0	.0
NICKEL	1977	TONNE	179995	179995	100.0	0	.0	0	.0
	1978		93477	93477	100.0	0	.0	0	.0

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APRIL 1, 1986

MINERAL COMMODITY	YEAR	UNIT OF VOLUME	ONT. MINE PRODUCTION	ONT. MINE PRODUCTION SMELTED IN ONTARIO AS A % OF ONT. MINE PRODUCTION		ONT. MINE PRODUCTION SMELTED IN OTHER PROVINCES AS A % OF ONT. MINE PRODUCTION		ONT. MINE PRODUCTION SMELTED OUTSIDE OF CANADA AS A % OF ONT. MINE PRODUCTION	
				ONT. MINE PRODUCTION SMELTED IN ONTARIO	%	ONT. MINE PRODUCTION SMELTED IN OTHER PROVINCES	%	ONT. MINE PRODUCTION SMELTED OUTSIDE OF CANADA	%
NICKEL	1979		88445	88445	100.0	0	.0	0	.0
	1980		145607	145607	100.0	0	.0	0	.0
	1981		130269	130269	100.0	0	.0	0	.0
	1982		63956	63956	100.0	0	.0	0	.0
	1983		88292	88292	100.0	0	.0	0	.0
	1984		132442	132442	100.0	0	.0	0	.0
PLATINUM GROUP	1977	KG	14475	14231	98.3	243	1.7	0	.0
	1978		10888	10509	96.5	379	3.5	0	.0
	1979		6157	5762	93.6	395	6.4	0	.0
	1980		12776	12394	97.0	382	3.0	0	.0
	1981		11905	11737	98.6	168	1.4	0	.0
	1982		7105	7025	98.9	80	1.1	0	.0
	1983		6964	6964	100.0	0	.0	0	.0
	1984		10245	10245	100.0	0	.0	0	.0
SILVER	1977	KG	524319	103337	19.7	349548	66.7	71434	13.6
	1978		444361	77029	17.3	319324	71.9	48008	10.8
	1979		411940	55683	13.5	331308	80.4	24949	6.1
	1980		461027	79997	17.4	324453	70.4	56577	12.3
	1981		328779	72156	21.9	196699	59.8	59924	18.2
	1982		346974	93030	26.8	175400	50.6	78544	22.6
	1983		414696	75369	18.2	290548	70.1	48779	11.8
	1984		516526	105695	20.5	332339	64.3	78492	15.2
ZINC	1977	TONNE	295420	82602	28.0	38034	12.9	174784	59.2
	1978		277461	72840	26.3	32993	11.9	171628	61.9
	1979		289396	105763	36.6	85896	29.7	97697	33.8
	1980		253329	101483	40.1	78959	31.2	72887	28.8
	1981		246031	109184	44.4	74758	30.4	62089	25.2
	1982		260544	105628	40.5	83446	32.0	71470	27.4
	1983		274819	99547	36.2	100952	36.7	74320	27.0
	1984		294131	121626	41.4	90840	30.9	81665	27.8

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APRIL 1, 1986

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MINERAL COMMODITY	YEAR	UNIT OF VOLUME	ONT. MINE PRODUCTION	ONT. MINE PRODUCTION REFINED IN ONTARIO		ONT. MINE PRODUCTION REFINED IN OTHER PROVINCES		ONT. MINE PRODUCTION REFINED OUTSIDE OF CANADA	
				ONT. MINE PRODUCTION REFINED IN ONTARIO	ONT. MINE PRODUCTION REFINED IN ONTARIO AS A % OF ONT. MINE PRODUCTION	ONT. MINE PRODUCTION REFINED IN OTHER PROVINCES	ONT. MINE PRODUCTION REFINED IN OTHER PROVINCES AS A % OF ONT. MINE PRODUCTION	ONT. MINE PRODUCTION REFINED OUTSIDE OF CANADA	ONT. MINE PRODUCTION REFINED OUTSIDE OF CANADA AS A % OF ONT. MINE PRODUCTION
					%		%		%
CADMIUM	1977	TONNE	603	359	59.5	183	30.3	61	10.1
	1978		518	317	61.2	130	25.1	71	13.7
	1979		673	493	73.3	151	22.4	29	4.3
	1980		779	467	59.9	225	28.9	87	11.2
	1981		609	483	79.3	91	14.9	35	5.7
	1982		549	460	83.8	82	14.9	7	1.3
	1983		668	429	64.2	229	34.3	10	1.5
	1984		834	623	74.7	208	24.9	4	.5
CALCIUM	1977	TONNE	491	491	100.0	0	.0	0	.0
	1978		575	575	100.0	0	.0	0	.0
	1979		456	456	100.0	0	.0	0	.0
	1980		531	531	100.0	0	.0	0	.0
	1981		469	469	100.0	0	.0	0	.0
	1982		329	329	100.0	0	.0	0	.0
	1983		399	399	100.0	0	.0	0	.0
	1984		515	515	100.0	0	.0	0	.0
COBALT	1977	TONNE	1263	540	42.8	0	.0	723	57.2
	1978		907	428	47.2	0	.0	479	52.8
	1979		1278	426	33.3	0	.0	0	.0
	1980		1686	781	46.3	0	.0	905	53.7
	1981		1831	785	42.9	0	.0	1046	57.1
	1982		966	400	41.4	0	.0	566	58.6
	1983		1025	326	31.8	0	.0	698	68.1
	1984		1614	859	53.2	0	.0	755	46.8
COPPER	1977	TONNE	279936	147234	52.6	113667	40.6	19035	6.8
	1978		197093	85252	43.3	96929	49.2	14912	7.6
	1979		192946	63981	33.2	108833	56.4	20132	10.4
	1980		245024	122299	49.9	97900	40.0	24825	10.1
	1981		226385	114037	50.4	89196	39.4	23152	10.2
	1982		157849	73715	46.7	70763	44.8	13371	8.5
	1983		226796	128229	56.5	75981	33.5	22586	10.0
	1984		292423	190298	65.1	66773	22.8	35352	12.1
GOLD	1977	G	22989000	19845000	86.3	2311000	10.1	833000	3.6

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MINERAL COMMODITY	YEAR	UNIT OF VOLUME	ONT. MINE PRODUCTION	ONT. MINE PRODUCTION REFINED IN ONTARIO		ONT. MINE PRODUCTION REFINED IN OTHER PROVINCES		ONT. MINE PRODUCTION REFINED OUTSIDE OF CANADA	
				ONT. MINE PRODUCTION REFINED IN ONTARIO	AS A % OF ONT. MINE PRODUCTION	ONT. MINE PRODUCTION REFINED IN OTHER PROVINCES	AS A % OF ONT. MINE PRODUCTION	ONT. MINE PRODUCTION REFINED OUTSIDE OF CANADA	AS A % OF ONT. MINE PRODUCTION
					%		%		%
GOLD	1978		21805000	18483000	84.8	2231000	10.2	1091000	5.0
	1979		19173000	16485000	87.0	2041000	10.6	447000	2.3
	1980		18498000	15537000	84.0	1780000	9.6	1180000	6.4
	1981		18308000	15527000	84.8	1488000	8.1	1293000	7.1
	1982		20136000	17707000	87.9	1758000	8.7	671000	3.3
	1983		23260000	20650000	88.8	1708000	7.3	902000	3.9
	1984		27821000	21479000	77.2	3026000	10.9	3316000	11.9
IRON ORE	1977	TONNE	10319657	7116667	69.0	0	.0	3202990	31.0
	1978		9600001	7163884	74.6	0	.0	2436117	25.4
	1979		7874938	6554647	83.2	0	.0	1320291	16.8
	1980		6569132	5449228	83.0	0	.0	1119904	17.0
	1981		5394620	5365708	99.5	0	.0	28912	.5
	1982		3650257	3593517	98.4	0	.0	56740	1.6
	1983		3815699	3641085	95.4	0	.0	174614	4.6
	1984		4550660	4550660	100.0	0	.0	0	.0
LEAD	1977	TONNE	8138	0	.0	1255	15.4	6884	84.6
	1978		7060	0	.0	1898	26.9	5162	73.1
	1979		6969	0	.0	5271	75.6	1698	24.4
	1980		8960	0	.0	5535	61.8	3425	38.2
	1981		3384	0	.0	132	3.9	3251	96.1
	1982		5697	0	.0	456	8.0	5241	92.0
	1983		6544	0	.0	4042	61.8	2502	38.2
	1984		8931	0	.0	322	3.6	8609	96.4
MAGNESIUM	1977	TONNE	7633	7633	100.0	0	.0	0	.0
	1978		8311	8311	100.0	0	.0	0	.0
	1979		9015	9015	100.0	0	.0	0	.0
	1980		9252	9252	100.0	0	.0	0	.0
	1981		8548	8548	100.0	0	.0	0	.0
	1982		7630	7630	100.0	0	.0	0	.0
	1983		5980	5980	100.0	0	.0	0	.0
	1984		7588	7588	100.0	0	.0	0	.0
NICKEL	1977	TONNE	179995	109169	60.7	0	.0	75537	42.0
	1978		93477	59406	63.6	191	.2	37866	40.5

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APRIL 1, 1986

MINERAL COMMODITY	YEAR	UNIT OF VOLUME	ONT. MINE PRODUCTION	ONT. MINE PRODUCTION REFINED IN ONTARIO		ONT. MINE PRODUCTION REFINED IN OTHER PROVINCES		ONT. MINE PRODUCTION REFINED OUTSIDE OF CANADA	
				ONT. MINE PRODUCTION REFINED IN ONTARIO	AS A % OF ONT. MINE PRODUCTION	ONT. MINE PRODUCTION REFINED IN OTHER PROVINCES	AS A % OF ONT. MINE PRODUCTION	ONT. MINE PRODUCTION REFINED OUTSIDE OF CANADA	AS A % OF ONT. MINE PRODUCTION
					%		%		%
NICKEL	1979		88445	47630	53.9	251	.3	41731	47.2
	1980		145607	96814	66.5	3718	2.6	47643	32.7
	1981		130269	77389	59.4	1920	1.5	52879	40.6
	1982		63956	42035	65.7	27	.0	22518	35.2
	1983		88292	53205	60.3	70	.1	38532	43.6
	1984		132442	77138	58.2	83	.1	55653	42.0
PLATINUM GROUP	1977	KG	14475	0	.0	0	.0	14475	100.0
	1978		10888	0	.0	0	.0	10888	100.0
	1979		6157	0	.0	0	.0	6157	100.0
	1980		12776	0	.0	0	.0	12776	100.0
	1981		11905	0	.0	0	.0	11905	100.0
	1982		7105	0	.0	0	.0	7105	100.0
	1983		6964	0	.0	0	.0	6964	100.0
	1984		10245	0	.0	0	.0	10245	100.0
SILVER	1977	KG	524319	93882	17.9	349548	66.7	80889	15.4
	1978		444361	71847	16.2	319324	71.9	53190	12.0
	1979		411940	45124	11.0	331308	80.4	35508	8.6
	1980		461027	71029	15.4	324453	70.4	65545	14.2
	1981		328779	60733	18.5	196499	59.8	71347	21.7
	1982		346974	92444	26.6	175400	50.6	79130	22.8
	1983		414696	67978	16.4	290548	70.1	56170	13.5
	1984		516526	105695	20.5	332339	64.3	78492	15.2
ZINC	1977	TONNE	295420	82602	28.0	38034	12.9	174784	59.2
	1978		277461	72840	26.3	32993	11.9	171628	61.9
	1979		289356	105763	36.6	85896	29.7	97697	33.8
	1980		253329	101483	40.1	78959	31.2	72887	28.8
	1981		246031	109184	44.4	74758	30.4	62089	25.2
	1982		260544	105628	40.5	83446	32.0	71470	27.4
	1983		274819	99547	36.2	100952	36.7	74320	27.0
	1984		294131	121626	41.4	90840	30.9	81665	27.8

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MINING CLAIMS AND PROSPECTOR'S LICENCES

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YEAR	MINING DIVISION	MINING CLAIMS RECORDED	MINING CLAIMS CANCELLED	MINING CLAIMS GOOD STANDING	PROSPECTOR'S LICENCES ISSUED	PROSPECTOR'S LICENCES RENEWED
1977	EASTERN ONTARIO	1189	1686	2430	340	1036
	KENORA	1495	1585	2820	40	57
	LARDER LAKE	1825	2834	5703	72	223
	PATRICIA	1261	1320	3760	22	46
	PORCUPINE	2438	4336	8932	140	222
	RED LAKE	2324	2395	4261	40	76
	SAULT STE MARIE	1008	1448	3801	63	76
	SUDBURY	842	1808	3473	109	200
	THUNDER BAY	1964	2966	5077	146	222
1977	ONTARIO TOTAL	14346	20378	40257	972	2158
1978	EASTERN ONTARIO	1058	1296	2192	350	908
	KENORA	808	1357	2300	28	52
	LARDER LAKE	1710	2065	5348	110	197
	PATRICIA	2018	765	5094	24	47
	PORCUPINE	3623	4429	8126	127	205
	RED LAKE	1207	1521	3916	41	59
	SAULT STE MARIE	724	1892	2633	61	80
	SUDBURY	645	1773	2519	92	174
	THUNDER BAY	3517	1982	6612	130	215
1978	ONTARIO TOTAL	15310	17080	38740	963	1937
1979	EASTERN ONTARIO	539	805	1888	468	741
	KENORA	984	1357	2119	48	52
	LARDER LAKE	4261	1452	8157	220	201
	PATRICIA	1012	1061	4899	33	40
	PORCUPINE	3975	2504	9597	172	195
	RED LAKE	1065	1763	3189	41	60
	SAULT STE MARIE	542	905	2270	64	68
	SUDBURY	694	720	2430	120	143
	THUNDER BAY	3099	2139	7554	155	200
1979	ONTARIO TOTAL	16171	12706	42103	1321	1700

YEAR	MINING DIVISION	MINING CLAIMS RECORDED	MINING CLAIMS CANCELLED	MINING CLAIMS GOOD STANDING	PROSPECTOR'S LICENCES ISSUED	PROSPECTOR'S LICENCES RENEWED
1980	EASTERN ONTARIO	548	721	1699	737	1011
	KENORA	1877	788	3208	89	54
	LARDER LAKE	6299	1834	12622	271	275
	PATRICIA	3485	1391	7068	49	49
	PORCUPINE	10742	1778	18753	273	268
	RED LAKE	2220	1115	4301	62	75
	SAULT STE MARIE	1254	1059	2465	101	80
	SUDBURY	1948	737	3569	180	168
	THUNDER BAY	5527	1836	11245	291	283
1980	ONTARIO TOTAL	33900	11259	64930	2053	2263
1981	EASTERN ONTARIO	485	758	1531	639	1115
	KENORA	2121	846	4076	83	83
	LARDER LAKE	5498	2697	15423	244	295
	PATRICIA	2861	1582	8303	72	47
	PORCUPINE	8934	2956	24731	271	308
	RED LAKE	1719	1249	4889	64	96
	SAULT STE MARIE	1474	830	3109	67	91
	SUDBURY	3087	650	6116	202	189
	THUNDER BAY	6844	4426	13663	263	231
1981	ONTARIO TOTAL	33023	15994	81841	1905	2455
1982	EASTERN ONTARIO	354	617	1115	572	1230
	KENORA	1579	1609	4046	64	78
	LARDER LAKE	3253	5218	13458	185	303
	PATRICIA	842	1766	7737	34	37
	PORCUPINE	5420	6457	23694	216	307
	RED LAKE	942	1884	3922	50	83
	SAULT STE MARIE	10027	1432	11704	64	87
	SUDBURY	671	2577	4182	178	241
	THUNDER BAY	10252	4613	19349	188	356
1982	ONTARIO TOTAL	33340	26173	89207	1551	2722

MINING CLAIMS AND PROSPECTOR'S LICENCES

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YEAR	MINING DIVISION	MINING CLAIMS RECORDED	MINING CLAIMS CANCELLED	MINING CLAIMS GOOD STANDING	PROSPECTOR'S LICENCES ISSUED	PROSPECTOR'S LICENCES RENEWED
1983	EASTERN ONTARIO	391	377	1157	969	1414
	KENORA	11061	1472	13637	205	107
	LARDER LAKE	8354	3866	17946	214	375
	PATRICIA	4395	1164	10319	67	63
	PORCUPINE	11859	4967	30586	311	343
	RED LAKE	2413	1204	5130	47	76
	SAULT STE MARIE	14745	754	25695	172	210
	SUDBURY	1261	805	4439	252	238
	THUNDER BAY	15835	1537	33721	425	316
1983	ONTARIO TOTAL	70314	16146	142630	2662	3142
1984	EASTERN ONTARIO	555	498	1254	731	1696
	KENDRA	3261	3042	13854	129	132
	LARDER LAKE	7943	4492	21397	208	352
	PATRICIA	5009	4074	10625	67	56
	PORCUPINE	7633	11040	27179	269	393
	RED LAKE	4344	1725	7799	59	87
	SAULT STE MARIE	1786	6642	20839	98	118
	SUDBURY	1451	1520	4508	234	252
	THUNDER BAY	8389	7206	34904	332	451
1984	ONTARIO TOTAL	40371	40239	142359	2127	3537
1985	EASTERN ONTARIO	457	360	1312	534	1731
	KENDRA	2216	5195	10875	93	123
	LARDER LAKE	7588	5011	23974	157	335
	PATRICIA	2513	3972	9051	38	58
	PORCUPINE	6052	10024	23207	219	355
	RED LAKE	2673	2260	8212	67	65
	SAULT STE MARIE	1645	5229	17496	66	136
	SUDBURY	1079	1297	4358	188	240
	THUNDER BAY	4353	10222	29285	251	393
1985	ONTARIO TOTAL	28576	43570	127770	1619	3436

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YEAR	MINING DIVISION	HANJAL LABOUR	DIAMOND DRILLING	GEOPHYSICAL SURVEY	GEOLOGICAL SURVEY	LAND SURVEY	POWER EQUIPMENT	BULLDOZER	GEOCHEMICAL SURVEY	ASSAYING	OTHER
1977	EASTERN ONTARIO	1521	19644	29520	2390	0	2028	0	0	0	0
	KENORA	241	15405	11366	1760	0	4183	800	0	0	83
	LARDER LAKE	1779	37101	45436	1820	400	3675	86	4746	0	3947
	PATRICIA	24	17880	13931	946	1300	306	0	0	0	276
	PORCUPINE	232	77496	135134	3755	320	459	0	0	0	10694
	RED LAKE	204	12994	45080	620	80	218	0	0	0	0
	SAULT STE MARIE	288	28366	12060	1080	117	1370	20	240	4	309
	SUDBURY	405	29244	16910	11540	440	2135	301	400	12	425
	THUNDER BAY	1403	24879	25601	4870	160	1654	1120	720	7830	490
1977	ONTARIO TOTAL 680,255 DAYS	6097	263031	331038	28741	2817	16028	2327	6106	7846	16224
1978	EASTERN ONTARIO	1313	10782	15028	7864	0	2541	1032	0	0	255
	KENORA	452	22299	7576	2143	24	1619	0	0	0	821
	LARDER LAKE	1583	32602	37980	8887	920	2260	1615	1040	0	256
	PATRICIA	0	33371	57501	600	3530	8	0	0	0	0
	PORCUPINE	732	38056	47333	1880	1360	315	1751	0	0	2618
	RED LAKE	330	25574	19496	2480	2080	430	0	0	607	0
	SAULT STE MARIE	8	27780	38385	1520	14	1060	0	340	0	2348
	SUDBURY	658	10062	12146	4423	1800	102	2161	480	1	40
	THUNDER BAY	476	20182	20589	6206	0	492	952	1720	0	682
1978	ONTARIO TOTAL 555,571 DAYS	5552	220708	256034	36003	9728	8827	7511	3580	608	7020
1979	EASTERN ONTARIO	311	18751	12869	5120	0	1048	316	0	13	0
	KENORA	163	9992	10658	1420	0	1145	625	0	0	164
	LARDER LAKE	2616	29713	25352	4960	80	4450	540	233	0	728
	PATRICIA	71	30869	27605	1949	195	408	0	0	0	152
	PORCUPINE	355	40850	59605	5480	560	942	447	0	0	42764
	RED LAKE	0	21108	38380	3154	80	0	0	0	0	227
	SAULT STE MARIE	27	11469	14467	658	40	108	970	0	0	690
	SUDBURY	338	9366	8234	864	120	274	0	0	45	95
	THUNDER BAY	319	11528	69612	14727	0	1748	1839	1040	0	986
1979	ONTARIO TOTAL 556,032 DAYS	4200	183646	266782	38332	1075	10123	4737	1273	58	45806

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YEAR	MINING DIVISION	MANUAL LABOUR	DIAMOND DRILLING	GEOPHYSICAL SURVEY	GEOLOGICAL SURVEY	LAND SURVEY	POWER EQUIPMENT	BULLDOZER	GEOCHEMICAL SURVEY	ASSAYING	OTHER
1980	EASTERN ONTARIO	892	17648	6665	2822	0	1835	120	171	99	467
	KENORA	892	15428	3149	899	12	382	502	36	0	108
	LARDER LAKE	3819	64454	115031	10981	880	5934	1345	388	50	6476
	PATRICIA	217	42633	13524	2706	10800	182	0	1052	36	546
	PORCUPINE	7447	59993	212208	5246	470	4308	369	0	482	6329
	RED LAKE	495	38482	30240	871	560	385	288	0	0	654
	SAULT STE MARIE	260	7099	4430	1496	2	186	693	0	9	1245
	SUDBURY	203	7008	5848	1020	360	759	2326	280	0	5093
	THUNDER BAY	722	53418	57483	5372	80	1006	1135	6923	0	1149
1980	ONTARIO TOTAL 867,573 DAYS	14947	306163	448578	31373	13164	14977	6778	8850	676	22067
1981	EASTERN ONTARIO	333	11855	4041	4022	120	2601	220	564	38	823
	KENORA	490	26127	37624	3383	200	859	1720	203	4	2122
	LARDER LAKE	2264	69906	125459	19536	2360	9677	1141	210	322	16212
	PATRICIA	10	42588	232184	4866	5720	133	1449	614	0	72
	PORCUPINE	1609	114823	261301	23177	3110	11549	4569	904	483	50302
	RED LAKE	346	28657	63454	8183	2360	420	0	0	0	3452
	SAULT STE MARIE	430	18338	16585	1900	17	2878	457	860	87	2321
	SUDBURY	404	20452	42466	2252	22	2304	1778	120	62	9914
	THUNDER BAY	821	71288	178888	14947	80	10676	0	1336	0	2729
1981	ONTARIO TOTAL 1,615,183 DAYS	6707	404034	962002	82266	13989	41097	11334	4811	996	87947
1982	EASTERN ONTARIO	302	9546	8372	481	0	5851	733	1414	0	627
	KENORA	1074	23524	26270	5330	0	368	2553	5765	0	3554
	LARDER LAKE	3062	99526	133511	17926	1200	17455	319	1222	134	39335
	PATRICIA	48	35329	73486	13980	14770	4019	3099	7163	0	15465
	PORCUPINE	1585	91203	359970	36178	300	21865	9134	2067	543	73252
	RED LAKE	206	23967	79662	6787	0	3259	16	0	0	4878
	SAULT STE MARIE	223	2760	67833	3568	48	4663	2167	9	52	432
	SUDBURY	1047	19719	35557	7374	2	1666	2202	1126	1350	80
	THUNDER BAY	1246	133035	114805	24437	1840	9120	0	5322	0	2468
1982	ONTARIO TOTAL 1,735,836 DAYS	8793	438609	899466	116061	18160	68266	20223	24088	2079	140091

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YEAR	MINING DIVISION	MANUAL LABOUR	DIAMOND DRILLING	GEOPHYSICAL SURVEY	GEOLOGICAL SURVEY	LAND SURVEY	POWER EQUIPMENT	BULLDOZER	GEOCHEMICAL SURVEY	ASSAYING	OTHER
1983	EASTERN ONTARIO	211	8317	2840	3135	0	445	1805	0	24	2547
	KENORA	483	35744	42221	12006	0	1309	3905	2440	0	8287
	LARDER LAKE	4929	121212	98366	15233	200	10023	123	4940	630	49114
	PATRICIA	1080	69569	83537	23738	0	0	3762	5736	93	9708
	PORCUPINE	1528	128126	199892	44755	0	28013	910	3683	254	0
	RED LAKE	609	18672	22035	3468	0	252	225	1960	0	5986
	SAULT STE MARIE	6812	19299	624560	8142	58	2503	244	1435	182	1435
	SUDBURY	1150	17574	12676	4040	4	818	3100	385	1161	783
	THUNDER BAY	971	113555	439993	64789	4274	6816	0	24352	0	10141
1983	ONTARIO TOTAL 2,459,334 DAYS	17773	532070	1526120	179306	4536	50179	14074	44931	2344	88001
1984	EASTERN ONTARIO	120	9928	23500	322	0	1539	1184	20	37	886
	KENORA	867	36055	281359	23670	40	1290	3185	7319	0	10907
	LARDER LAKE	2397	93946	245542	44113	1240	19615	12	4894	1064	60997
	PATRICIA	224	42425	113830	24941	1880	1045	303	2812	98	17656
	PORCUPINE	1586	140864	495323	51723	0	9994	4411	9288	0	24849
	RED LAKE	327	32482	78538	12495	0	0	726	2009	53	2034
	SAUL STE MARIE	230	31388	605200	12558	9	684	1219	11459	171	29263
	SUDBURY	1201	49516	23652	3541	0	2220	951	120	909	935
	THUNDER BAY	1105	142459	551864	90108	5130	20258	0	64978	0	47076
1984	ONTARIO TOTAL 3,646,168 DAYS	8057	579063	2418808	263471	8299	56645	11991	102899	2332	194603
1985	EASTERN ONTARIO	335	15619	3192	650	80	939	0	880	0	3703
	KENORA	666	55090	185148	29765	1000	525	3998	6063	0	11345
	LARDER LAKE	3101	95076	276446	19517	0	13769	0	6808	502	44984
	PATRICIA	314	92051	148105	20377	1640	560	335	7423	272	16391
	PORCUPINE	741	131330	278881	34032	200	5067	2943	7866	225	42053
	RED LAKE	155	42000	200968	16642	1140	1047	0	2498	4	6180
	SAULT STE MARIE	366	45617	87246	36156	0	11224	0	17546	0	21052
	SUDBURY	1638	25873	56894	1717	1340	1820	2922	220	13	2104
	THUNDER BAY	1841	170023	475737	65802	3160	13309	0	26208	0	35547
1985	ONTARIO TOTAL 2,946,218 DAYS	9157	672679	1712817	224658	8560	48260	10198	75512	1018	183399

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STANDARD INDUSTRIAL CLASS	YEAR	-----	
		VOLUME	VALUE
		TONNE	\$
0831 GRANITE QUARRIES	1970	1023635	3559700
	1971	924931	4672792
	1972	239398	3955643
	1973	1420262	5994901
	1974	1523225	7254888
	1975	711255	6111881
	1976	1924442	12488289
	1977	1811894	12758464
	1978	2188377	15958793
	1979	1920904	19269579
	1980	1456438	21211406
	1981	1739409	23297232
	1982	1545725	23569480
	1983	1041864	26775767
	1984	1729662	32477343
0832 LIMESTONE QUARRIES	1970	24056168	30428000
	1971	24669683	33382138
	1972	27938698	36793037
	1973	30788204	46229334
	1974	29714186	52914154
	1975	26793584	55481839
	1976	26218140	58663088
	1977	27033412	64387077
	1978	35777614	85068777
	1979	37728856	93700400
	1980	34817343	101785034
	1981	35568404	102638297
	1982	26736666	86047166
	1983	31961826	110264896
	1984	38807614	139362155
0833 MARBLE QUARRIES	1970	7684	223624
	1971	8723	173074
	1972	8436	165366
	1973	8765	252474
	1974	8042	361620
	1975	6897	260157
	1976	7245	271620
	1977	7122	279119

NOTE: THE VOLUME OF STONE FROM LIMESTONE
QUARRIES INCLUDES THE STONE USED
IN THE PRODUCTION OF CEMENT + LIME.

SL R9.DAT

APRIL 7, 1986

STANDARD INDUSTRIAL CLASS	YEAR	VOLUME	VALUE
		TONNE	\$
0833 MARBLE QUARRIES	1978	2333	90741
	1979	2924	134269
	1981	90319	643530
	1982	148486	890916
	1983	91263	4444000
	1984	105084	6275400
0834 SANDSTONE QUARRIES	1970	17378	235864
	1971	14191	255596
	1972	19196	316550
	1973	15505	393024
	1974	15837	385538
	1975	14123	395868
	1976	15578	437592
	1977	16704	459617
	1978	11614	321301
	1979	5556	253523
	1980	3951	224461
	1981	3918	234440
	1982	4594	258593
	1983	4571	279934
	1984	6217	374769
0835 SHALE QUARRIES	1978	159256	182939
	1979	172752	120219
	1980	26508	168499
	1981	144296	92237
	1982	24723	18712
	1983	732312	1938585
	1984	737695	968960
0836 SLATE QUARRIES	1984	330	21071

NOTE: THE VOLUME OF STONE FROM LIMESTONE
 QUARRIES INCLUDES THE STONE USED
 IN THE PRODUCTION OF CEMENT + LIME.

SL R9.DAT

APRIL 7, 1986

STANDARD INDUSTRIAL CLASS	YEAR	VOLUME	VALUE
		TONNE	\$
TOTAL PRODUCTION OF THE STONE INDUSTRY	1970	25104865	34447188
	1971	25617528	38483600
	1972	28205728	41230596
	1973	32240736	52869733
	1974	31261290	60916200
	1975	27525859	62249745
	1976	28165405	71860589
	1977	28869132	77884277
	1978	38139194	101622551
	1979	39830992	113477990
	1980	36304240	123389400
	1981	37546346	126905736
	1982	28460194	110784867
	1983	33831836	143703182
	1984	41386602	179479698

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MINERAL COMMODITIES PRODUCED IN ONTARIO IN 1984
 BY MINES IN SELECTED
 STANDARD INDUSTRIAL CLASSES

REPORT 10 PAGE 1

MINERAL COMMODITY	STANDARD INDUSTRIAL CLASS	VOLUME	UNIT	VALUE
				\$
BARITE	PRODUCED FROM			
	MISC. NON-METAL M	8000	TONNE	1500000
		8000		1500000
CADMIUM	PRODUCED FROM			
	COPPER-GOLD-SILVER M	834332	KG	3116180
		834332		3116180
CALCIUM	PRODUCED FROM			
	SMELTING & REFINING	515380	KG	4559566
		515380		4559566
CEMENT	PRODUCED FROM			
	CEMENT MANUFACTURERS	3582611	TONNE	225320319
		3582611		225320319
CLAY IN BRICK	PRODUCED FROM			
	CLAY PRODUCTS MANUF.	400434406	BRICK	74066020
		400434406		74066020

NOTE: PLATINUM GROUP INCLUDES PLATINUM, PALLADIUM, RHODIUM,
 IRIIDIUM , RUTHENIUM AND OSMIUM

SL R10.DAT

APRIL 7, 1986

MINERAL COMMODITIES PRODUCED IN ONTARIO IN 1984
BY MINES IN SELECTED
STANDARD INDUSTRIAL CLASSES

REPORT 10 PAGE 2

MINERAL COMMODITY	STANDARD INDUSTRIAL CLASS	VOLUME	UNIT	VALUE
				\$
CLAY IN FLUE LINING	PRODUCED FROM			
	CLAY PRODUCTS MANUF.	221970	M	2350659
		221970		2350659
CLAY IN OTHER PRODC	PRODUCED FROM			
	CLAY PRODUCTS MANUF.	N/A		2975761
		N/A		2975761
CLAY IN SEWER PIPE	PRODUCED FROM			
	CLAY PRODUCTS MANUF.	52093	M	399600
		52093		399600
CLAY IN TILE	PRODUCED FROM			
	CLAY PRODUCTS MANUF.	10071314	TILE	2879206
		10071314		2879206
COBALT	PRODUCED FROM			
	NICKEL-COPPER MINES	1614435	KG	37027130
		1614435		37027130

NOTE: PLATINUM GROUP INCLUDES PLATINUM, PALLADIUM, RHODIUM,
IRIDIUM, RUTHENIUM AND OSMIUM

SL R10.DAT

APRIL 7, 1986

MINERAL COMMODITIES PRODUCED IN ONTARIO IN 1984
BY MINES IN SELECTED
STANDARD INDUSTRIAL CLASSES

REPORT 10 PAGE 3

MINERAL COMMODITY	STANDARD INDUSTRIAL CLASS	VOLUME	UNIT	VALUE
				\$
COPPER	PRODUCED FROM			
	GOLD QUARTZ MINES	72736	KG	137598
	COPPER-GOLD-SILVER M	142152692	KG	253079593
	NICKEL-COPPER MINES	150197838	KG	284174308
		292423266		537391499
GEMSTONES	PRODUCED FROM			
	MISC. NON-METAL M	60	TONNE	77422
		60		77422
GOLD	PRODUCED FROM			
	GOLD QUARTZ MINES	24931247	G	370158428
	COPPER-GOLD-SILVER M	1190778	G	17576927
	NICKEL-COPPER MINES	1698845	G	25494565
		27820870		413229920
GYPSUM	PRODUCED FROM			
	GYPSUM MINES	1183194	TONNE	12715599
		1183194		12715599

NOTE: PLATINUM GROUP INCLUDES PLATINUM, PALLADIUM, RHODIUM,
IRIDIUM, RUTHENIUM AND OSMIUM

SL R10.DAT

APRIL 7, 1986

MINERAL COMMODITIES PRODUCED IN ONTARIO IN 1984
BY MINES IN SELECTED
STANDARD INDUSTRIAL CLASSES
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REPORT 10 PAGE 4

MINERAL COMMODITY	STANDARD INDUSTRIAL CLASS	VOLUME	UNIT	VALUE
				\$
IRIDIUM	PRODUCED FROM NICKEL-COPPER MINES	----- SEE NOTE -----		----- ----- -----
IRON ORE	PRODUCED FROM IRON MINES	4344150	TONNE	232580056
	NICKEL-COPPER MINES	206507	TONNE	3768800
		4550657		236348856
LEAD	PRODUCED FROM COPPER-GOLD-SILVER M	8931396	KG	6310602
		8931396		6310602
LIME	PRODUCED FROM IRON & STEEL MILLS	146545	TONNE	8939245
	SMELTING & REFINING	43834	TONNE	2673874
	LIME MANUFACTURERS	1456236	TONNE	86487599
		1646615		98100718

NOTE: PLATINUM GROUP INCLUDES PLATINUM, PALLADIUM, RHODIUM,
IRIDIUM, RUTHENIUM AND OSMIUM

SL R10.DAT

APRIL 7, 1988

MINERAL COMMODITIES PRODUCED IN ONTARIO IN 1984
 BY MINES IN SELECTED
 STANDARD INDUSTRIAL CLASSES

REPORT 10 PAGE 5

MINERAL COMMODITY	STANDARD INDUSTRIAL CLASS	VOLUME	UNIT	VALUE
				\$
MAGNESIUM	PRODUCED FROM			
	SMELTING & REFINING	7587522	KG	30926740
		7587522		30926740
MAGNETITE	PRODUCED FROM			
	FELDSPAR & QUARTZ M	3849	TONNE	50541
		3849		50541
NATURAL GAS	PRODUCED FROM			
	PETROLEUM & NAT. GAS	548169000	CU.M	68466289
		548169000		68466289
NEPHELINE SYENITE	PRODUCED FROM			
	FELDSPAR & QUARTZ M	520640	TONNE	18609289
		520640		18609289
NICKEL	PRODUCED FROM			
	NICKEL-COPPER MINES	132442247	KG	886903006
		132442247		886903006

NOTE: PLATINUM GROUP INCLUDES PLATINUM, PALLADIUM, RHODIUM,
 IRIIDIUM , RUTHENIUM AND OSMIUM

SL R10.DAT

APRIL 7, 1988

MINERAL COMMODITIES PRODUCED IN ONTARIO IN 1984
 BY MINES IN SELECTED
 STANDARD INDUSTRIAL CLASSES

REPORT 10 PAGE 8

MINERAL COMMODITY	STANDARD INDUSTRIAL CLASS	VOLUME	UNIT	VALUE
				\$
PALLADIUM	PRODUCED FROM NICKEL-COPPER MINES	----- SEE NOTE -----		----- ----- -----
PEAT	PRODUCED FROM PEAT BOG	5208 ----- 5208 -----	TONNE	904485 ----- 904485 -----
PETROLEUM	PRODUCED FROM PETROLEUM & NAT. GAS	90375 ----- 90375 -----	CU.M	17276060 ----- 17276060 -----
PLATINUM GROUP	PRODUCED FROM NICKEL-COPPER MINES	10245 ----- 10245 -----	KG	131415965 ----- 131415965 -----
QUARTZ	PRODUCED FROM FELDSPAR & QUARTZ M	393536 ----- 393536 -----	TONNE	10630992 ----- 10630992 -----

NOTE: PLATINUM GROUP INCLUDES PLATINUM, PALLADIUM, RHODIUM,
 IRIIDIUM , RUTHENIUM AND OSMIUM

SL R10.DAT

APRIL 7, 1986

MINERAL COMMODITIES PRODUCED IN ONTARIO IN 1984
BY MINES IN SELECTED
STANDARD INDUSTRIAL CLASSES

REPORT 10 PAGE 7

MINERAL COMMODITY	STANDARD INDUSTRIAL CLASS	VOLUME	UNIT	VALUE
				\$
RHODIUM	PRODUCED FROM NICKEL-COPPER MINES	----- SEE NOTE -----		----- -----
RUTHENIUM	PRODUCED FROM NICKEL-COPPER MINES	----- SEE NOTE -----		----- -----
SALT	PRODUCED FROM SALT MINES	6412414 ----- 6412414 -----	TONNE	131720179 ----- 131720179 -----
SAND & GRAVEL	PRODUCED FROM SAND AND GRAVEL PITS	57419176 ----- 57419176 -----	TONNE	136124510 ----- 136124510 -----
SELENIUM	PRODUCED FROM COPPER-GOLD-SILVER M NICKEL-COPPER MINES	14721 ----- 39862 ----- 54583 -----	KG KG	82780 1023536 1106316 -----

NOTE: PLATINUM GROUP INCLUDES PLATINUM, PALLADIUM, RHODIUM,
IRIDIUM RUTHENIUM AND OSMIUM

SL R10.DAT

APRIL 7, 1986

MINERAL COMMODITIES PRODUCED IN ONTARIO IN 1984
BY MINES IN SELECTED
STANDARD INDUSTRIAL CLASSES

REPORT 10 PAGE 8

MINERAL COMMODITY	STANDARD INDUSTRIAL CLASS	VOLUME	UNIT	VALUE
				\$
SERPENTINE FILLER	PRODUCED FROM			
	MISC. NON-METAL M	3593	TONNE	483040
		3593		483040
SILVER	PRODUCED FROM			
	GOLD QUARTZ MINES	4399	KG	1550315
	COPPER-GOLD-SILVER M	415273	KG	130276642
	NICKEL-COPPER MINES	44199	KG	15386908
	SILVER-COBALT MINES	52654	KG	16019027
		516525		163232892
STONE	PRODUCED FROM			
	GRANITE QUARRIES	1729662	TONNE	32477343
	LIMESTONE QUARRIES	38807614	TONNE	139362155
	MARBLE QUARRIES	105084	TONNE	6275400
	SANDSTONE QUARRIES	6217	TONNE	374769
	SHALE QUARRIES	737695	TONNE	968960
	SLATE QUARRIES	330	TONNE	21071
		41386602		179479698

NOTE: PLATINUM GROUP INCLUDES PLATINUM, PALLADIUM, RHODIUM,
IRIDIUM, RUTHENIUM AND OSMIUM

SL R10.DAT

APRIL 7, 1986

MINERAL COMMODITIES PRODUCED IN ONTARIO IN 1984
BY MINES IN SELECTED
STANDARD INDUSTRIAL CLASSES

REPORT 10 PAGE 9

MINERAL COMMODITY	STANDARD INDUSTRIAL CLASS	VOLUME	UNIT	VALUE
				\$
SULPHUR	PRODUCED FROM			
	COPPER-GOLD-SILVER M	183690	TONNE	14687439
	NICKEL-COPPER MINES	258787	TONNE	20692024
	PETROLEUM & NAT. GAS	3026	TONNE	211122
		445503		35590585
TALC	PRODUCED FROM			
	TALC & SOAPSTONE M	42814	TONNE	8505499
		42814		8505499
TELLURIUM	PRODUCED FROM			
	NICKEL-COPPER MINES	5530	KG	149033
		5530		149033
URANIUM	PRODUCED FROM			
	URANIUM MINES	4552158	KG	544778444
		4552158		544778444
ZINC	PRODUCED FROM			
	COPPER-GOLD-SILVER M	294130699	KG	395602305
		294130699		395602305

NOTE: PLATINUM GROUP INCLUDES PLATINUM, PALLADIUM, RHODIUM,
IRIDIUM, RUTHENIUM AND OSMIUM

SL R10.DAT

APRIL 7, 1988

MINERAL COMMODITY SUBGROUP	YEAR	VOLUME	VALUE
		TONNE	\$
SAND	1975	24840241	35805716
	1976	22956774	39045074
	1977	23554680	39196068
	1978	29067143	46948617
	1979	26564238	46754169
	1980	26297321	49394265
	1981	23631022	43913408
	1982	16897674	38453590
	1983	18677952	44930045
	1984	19853107	47964966
GRAVEL (NATURAL)	1975	19109697	16221991
	1976	18996771	19342242
	1977	21897234	23313314
	1978	26492384	28209540
	1979	28876632	31984489
	1980	23680565	25347503
	1981	21345221	26933774
	1982	17412219	24445961
	1983	15756653	20039450
	1984	17741884	27650747
CRUSHED GRAVEL	1975	25755496	43551220
	1976	26848500	47706010
	1977	29948476	59266511
	1978	32286229	67585053
	1979	35074760	73108799
	1980	27618299	59238001
	1981	25230296	63587622
	1982	19258037	53652503
	1983	19167158	55262182
	1984	19850797	60508797

NOTE: THE 1980 AND LATER CENSUS OF SAND + GRAVEL OPERATIONS
 WAS MUCH MORE COMPREHENSIVE THAN PREVIOUS CENSUS.
 THE ADDITIONAL OPERATIONS SURVEYED, ALTHOUGH ON AVERAGE
 SMALLER PRODUCERS, HAVE AFFECTED THE STATISTICS.
 ONLY FUTURE COMPARABLE CENSUS WILL REVEAL THE EFFECT.

SL R11.DAT

APRIL 7, 1986

MINERAL COMMODITY SUBGROUP	YEAR	VOLUME	VALUE
		TONNE	\$
TOTAL PRODUCTION OF THE SAND AND GRAVEL INDUSTRY	1975	69705434	95578927
	1976	68802045	106093326
	1977	75400390	121775893
	1978	87845756	142743210
	1979	90515630	151847457
	1980	77596185	133979769
	1981	70206539	134434804
	1982	53567930	116552054
	1983	53601763	120231677
	1984	57445788	136124510

NOTE: 57445788-26612=57419176 TONNES (IN REPORT 10)
 DIFFERENT SOURCES USED.
 R11 SOURCE IS SG84.DMS
 R10 SOURCE IS PT84.DMS

SL R11.DAT

APRIL 7, 1986

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VOLUME AND VALUE OF MINERAL PRODUCTION IN 1981
IN ONTARIO, CANADA AND THE WORLD

REPORT 12 PAGE 1

MINERAL COMMODITY	UNIT OF VOLUME	ONTARIO		CANADA		WORLD	ONTARIO VOLUME AS % OF WORLD VOLUME	CANADA VOLUME AS % OF WORLD VOLUME
		VOLUME	VALUE	VOLUME	VALUE	VOLUME		
			\$		\$			
ANTIMONY	KILOGRAMS	0	0	N/A	3138000	N/A	N/A	N/A
ASBESTOS	TONNES	0	0	1122000	548406000	4479783	.00	25.05
BARITE	TONNES	5000	1100000	N/A	5124000	8216372	.06	.00
BISMUTH	KILOGRAMS	312	2170	169000	1121000	3382438	.01	5.00
CADMIUM	KILOGRAMS	609215	2959469	834000	4069000	17242000	3.53	4.84
CALCIUM	KILOGRAMS	469403	3512073	469000	3512000	1360777	34.50	34.47
CEMENT	TONNES	3787237	205062550	9538000	635005000	888060378	.43	1.07
CLAY PRODUCTS	N/A	N/A	66660263	N/A	118011000	N/A	N/A	N/A
COAL	TONNES	0	0	40088000	1072500000	N/A	N/A	N/A
COBALT	KILOGRAMS	1831319	94392310	2080000	108382000	30274569	6.05	6.87
COLUMBIUM(CB205)	KILOGRAMS	0	0	2741000	18612000	15775489	.00	17.38
COPPER	KILOGRAMS	226384780	521019544	691876000	1551057000	8171000000	2.77	8.47
GEMSTONES	TONNES	50	54000	N/A	194000	N/A	N/A	N/A
GOLD	GRAMS	18307895	333797134	52101000	932647000	1282271933	1.43	4.06
GYPSUM	TONNES	649546	5477033	7062000	47101000	77094374	.84	9.16
IRON ORE	TONNES	5394620	245462549	49525000	1746159000	860794941	.63	5.75
IRON, REMELT	TONNES	0	0	N/A	131861000	N/A	N/A	N/A
LEAD	KILOGRAMS	3383521	4008744	268553000	264273000	3350000000	.10	8.02
LIME	TONNES	1836168	94699716	2495000	141759000	116943370	1.57	2.13
MAGNESITIC DOLOMITE	TONNES	0	0	N/A	10590000	N/A	N/A	N/A
MAGNESIUM	KILOGRAMS	8548042	29439456	8548000	29439000	297556595	2.87	2.87
MAGNETITE	TONNES	7218	78214	N/A	N/A	N/A	N/A	N/A
MOLYBDENUM	KILOGRAMS	0	0	12849999	218799000	109359760	.00	11.75
NATURAL GAS	K CU METRE	419271	34556335	73825000	6420777000	N/A	N/A	N/A
NATURAL GAS BY-PROD.	CUBIC METR	0	0	18883000	2098376000	N/A	N/A	N/A
NEPHELINE SYENITE	TONNES	587565	17531692	588000	17532000	N/A	N/A	N/A
NICKEL	KILOGRAMS	130268510	1001217989	160248000	1235708000	711690966	18.30	22.52
PEAT	TONNES	9205	1201993	462000	51822000	351285518	.00	.13
PETROLEUM	CU METRE	89983	11111980	74553000	9454122000	N/A	N/A	N/A
PLATINUM GROUP	KILOGRAMS	11905	136239362	11905	136239000	215345	5.53	5.53
POTASH	TONNES	0	0	6549000	990418000	27357000	.00	23.94
PYRITE PYRRHOTITE	TONNES	0	0	10000	110000	10260000	.00	.10
QUARTZ	TONNES	427189	9787492	1263000	33511000	N/A	N/A	N/A
SALT	TONNES	4968503	80888513	7241000	133356000	166110969	2.99	4.36
SAND & GRAVEL	TONNES	70191371	134335610	252350000	505751000	N/A	N/A	N/A
SELENIUM	KILOGRAMS	28576	679823	246000	8375000	1339912	2.13	18.36
SILVER	KILOGRAMS	328779	136969048	1134000	463457000	11386983	2.89	9.96
SOAPSTONE, TALC	TONNES	18229	2591565	83000	4951000	N/A	N/A	N/A
SODIUM SULPHATE	TONNES	0	0	N/A	39401000	N/A	N/A	N/A
STONE	TONNES	37546346	126905736	91957000	321926000	2449398798	1.53	3.75
SULPHUR	TONNES	446837	18578353	8801000	688593000	53800000	.83	16.36
TANTALUM(TA205)	KILOGRAMS	0	0	104000	23165000	470375	.00	22.11
TELLURIUM	KILOGRAMS	4445	159575	31000	1094000	127006	3.50	24.41
TIN	KILOGRAMS	88774	1479882	239000	3767000	253000000	.04	.09
TITANIUM DIOXIDE	TONNES	0	0	N/A	120647000	N/A	N/A	N/A
TUNGSTEN(WO3)	KILOGRAMS	0	0	2515000	N/A	48794746	.00	5.15
URANIUM(U)	KILOGRAMS	4859497	522011958	7507000	790418000	43509500	11.17	17.25
ZINC	KILOGRAMS	246030807	286283503	911182000	1081671000	5844000000	4.21	15.59

TOTAL VALUE OF ALL
MINERAL COMMODITIES

4130255634

32420159000

IN 1981

NOTE: VALUE OF LIME AND VALUE OF CEMENT PRODUCED IN ONTARIO EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME AND CEMENT.
IN 1981 \$9,354,510 WAS DEDUCTED FROM CEMENT AND \$6,142,140 WAS DEDUCTED FROM LIME.
REPORT 12 EXCLUDES FELDSPAR, SERPENTINE FILLER & TERRAZO CHIPS.
THE 1984 AND PREVIOUS YEARS DATA FOR ONTARIO AND CANADA ARE BASED ON THE ANNUAL CENSUS OF MINES, QUARIES AND SAND PITS
AND THIS EDITED DATA TENDS TO BE MUCH MORE ACCURATE.

SL R12.DAT

APRIL 10, 1986

IN ONTARIO, CANADA AND THE WORLD

MINERAL COMMODITY	UNIT OF VOLUME	ONTARIO		CANADA		WORLD VOLUME	ONTARIO VOLUME AS % OF WORLD VOLUME	CANADA VOLUME AS % OF WORLD VOLUME
		VOLUME	VALUE	VOLUME	VALUE			
			\$		\$			
ANTIMONY	KILOGRAMS	0	0	214000	2455000	53775190	.00	.40
ASBESTOS	TONNES	0	0	834000	364795000	4080314	.00	20.44
BARITE	TONNES	6000	1300000	6000	2966000	7490624	.08	.08
BISMUTH	KILOGRAMS	1256	7561	189000	1057000	3991159	.03	4.74
CADMIUM	KILOGRAMS	549006	1823036	886000	2844000	16452000	3.34	5.39
CALCIUM	KILOGRAMS	329139	2567284	329000	2567000	1814369	18.14	18.13
CEMENT	TONNES	3007439	185047149	8010000	654329000	879368642	.34	.91
CLAY PRODUCTS	N/A	N/A	51131105	N/A	94895000	N/A	N/A	N/A
COAL	TONNES	0	0	42811000	1294476000	N/A	N/A	N/A
COBALT	KILOGRAMS	966285	28258083	1268000	38554000	19639642	4.92	6.46
COLUMBIUM(CB205)	KILOGRAMS	0	0	3086000	20832000	10608618	.00	29.09
COPPER	KILOGRAMS	157848757	298008470	612084000	1184356000	8040000000	1.96	7.61
GEMSTONES	TONNES	72	83589	N/A	405000	N/A	N/A	N/A
GOLD	GRAMS	20136843	306786475	64804000	974722000	1328429494	1.52	4.88
GYPSUM	TONNES	574346	5516064	5987000	46774000	73119090	.79	8.19
IRON ORE	TONNES	3650257	193445956	33215000	1213797000	803286686	.45	4.13
IRON, REMELT	TONNES	0	0	N/A	103614000	N/A	N/A	N/A
LEAD	KILOGRAMS	5696833	3815768	272187000	197021000	3450000000	.17	7.89
LIME	TONNES	1539642	82812542	2147000	135007000	111946597	1.38	1.92
MAGNESITIC DOLOMITE	TONNES	0	0	N/A	8216000	N/A	N/A	N/A
MAGNESIUM	KILOGRAMS	7630163	27811944	7630000	27812000	247661434	3.08	3.08
MAGNETITE	TONNES	4576	51699	N/A	N/A	N/A	N/A	N/A
MOLYBDENUM	KILOGRAMS	0	0	13961000	159142000	90264882	.00	15.47
NATURAL GAS	K CU METRE	436354	41360466	75979000	7262705000	N/A	N/A	N/A
NATURAL GAS BY-PROD.	CUBIC METR	0	0	18466000	2302000000	N/A	N/A	N/A
NEPHELINE SYENITE	TONNES	552838	17882193	553000	17882000	N/A	N/A	N/A
NICKEL	KILOGRAMS	63955580	440631297	89973000	612296000	639688619	10.00	14.07
PEAT	TONNES	4674	886066	488000	54341000	370312811	.00	.13
PETROLEUM	CU METRE	85637	14761230	73790000	1217946000	N/A	N/A	N/A
PLATINUM GROUP	KILOGRAMS	7105	82253570	7105	82254000	200026	3.55	3.55
POTASH	TONNES	0	0	5309000	630562000	25950000	.00	20.46
PYRITE PYRRHOTITE	TONNES	0	0	20000	220000	N/A	N/A	N/A
QUARTZ	TONNES	264907	7758937	1106000	14937000	N/A	N/A	N/A
SALT	TONNES	5461190	93200162	6758000	127156000	168736362	3.24	4.01
SAND & GRAVEL	TONNES	53567884	116552053	207584000	514635000	N/A	N/A	N/A
SELENIUM	KILOGRAMS	25038	273915	207000	2152000	1218000	2.06	17.00
SILVER	KILOGRAMS	346974	118679990	1310000	422914000	11586045	2.99	11.31
SOAPSTONE, TALC	TONNES	20462	3433781	20000	5746000	N/A	N/A	N/A
SODIUM SULPHATE	TONNES	0	0	N/A	47462000	N/A	N/A	N/A
STONE	TONNES	28460194	110784867	64087000	273756000	2267961850	1.25	2.83
SULPHUR	TONNES	311688	17588171	7571000	611955000	50600000	.62	14.96
TANTALUM(TA205)	KILOGRAMS	0	0	59000	7243000	412769	.00	14.29
TELLURIUM	KILOGRAMS	2843	93819	18000	582000	97000	2.93	18.56
TIN	KILOGRAMS	19375	368266	134000	1936000	237176000	.01	.06
TITANIUM DIOXIDE	TONNES	0	0	N/A	N/A	N/A	N/A	N/A
TUNGSTEN(MO3)	KILOGRAMS	0	0	3030000	N/A	44872000	.00	6.75
URANIUM(U)	KILOGRAMS	4970327	586623297	7521000	835034000	39700000	12.52	18.94
ZINC	KILOGRAMS	260543524	257888108	965607000	1014421000	6010000000	4.34	16.07

TOTAL VALUE OF ALL
MINERAL COMMODITIES

3099486913

33831494000

IN 1982

NOTE: VALUE OF LIME AND VALUE OF CEMENT PRODUCED IN ONTARIO EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME AND CEMENT.
IN 1982 \$8,814,690 WAS DEDUCTED FROM CEMENT AND \$5,981,227 WAS DEDUCTED FROM LIME.
REPORT 12 EXCLUDES FELDSPAR, SERPENTINE FILLER & TERRAZO CHIPS
THE 1984 AND PREVIOUS YEARS DATA FOR ONTARIO AND CANADA ARE BASED ON THE ANNUAL CENSUS OF MINES, QUARIES AND SAND PITS
AND THIS EDITED DATA TENDS TO BE MUCH MORE ACCURATE.

SL R12.DAT

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VOLUME AND VALUE OF MINERAL PRODUCTION IN 1983
IN ONTARIO, CANADA AND THE WORLD

REPORT 12 PAGE 3

MINERAL COMMODITY	UNIT OF VOLUME	ONTARIO		CANADA		WORLD	ONTARIO VOLUME AS % OF WORLD VOLUME	CANADA VOLUME AS % OF WORLD VOLUME
		VOLUME	VALUE	VOLUME	VALUE			
			\$		\$			
ANTIMONY	KILOGRAMS	0	0	264000	2021000	48353854	.00	.95
ASBESTOS	TONNES	0	0	858000	391294000	4200000	.00	20.43
BARITE	TONNES	5000	1600000	5000	4878000	5715264	.09	.09
BISMUTH	KILOGRAMS	0	0	245000	1225000	4050580	.00	6.05
CADMIUM	KILOGRAMS	668402	1637862	1068000	2863000	17244000	3.88	6.19
CALCIUM	KILOGRAMS	398984	3306450	N/A	N/A	N/A	N/A	N/A
CEMENT	TONNES	3200775	212263334	7799000	615122000	925645949	.35	.84
CLAY PRODUCTS	N/A	N/A	73297428	N/A	130954000	N/A	N/A	N/A
COAL	TONNES	0	0	44787000	1303944000	N/A	N/A	N/A
COBALT	KILOGRAMS	1024768	16602079	1346000	22405000	24127485	4.25	5.58
COLUMBIUM(CB205)	KILOGRAMS	0	0	1745000	12133000	8473105	.00	20.59
COPPER	KILOGRAMS	226796167	457348815	660033000	1362512000	8044000000	2.82	8.21
GEMSTONES	TONNES	54	63525	N/A	641000	N/A	N/A	N/A
GOLD	GRAMS	23260217	389337983	73011000	1222374000	1385037822	1.68	5.27
GYPSUM	TONNES	907042	9937629	7507000	57881000	77858223	1.16	9.64
IRON ORE	TONNES	3815698	183793038	32965000	1281478000	741307825	.51	4.45
IRON, REMELT	TONNES	0	0	N/A	108549000	N/A	N/A	N/A
LEAD	KILOGRAMS	6543900	2865309	272032000	159557000	3350000000	.20	8.12
LIME	TONNES	1586375	89251887	2160000	139389000	108088340	1.47	2.00
MAGNESITIC DOLOMITE	TONNES	0	0	N/A	7825000	N/A	N/A	N/A
MAGNESIUM	KILOGRAMS	5980265	21978106	N/A	N/A	N/A	N/A	N/A
MAGNETITE	TONNES	3304	39941	N/A	N/A	N/A	N/A	N/A
MOLYBDENUM	KILOGRAMS	0	0	10194000	87710000	62595747	.00	16.29
NATURAL GAS	K CU METRE	459313	45931250	72227000	7077051000	N/A	N/A	N/A
NATURAL GAS BY-PROD.	CUBIC METR	0	0	18013000	2681146000	N/A	N/A	N/A
NEPHELINE SYENITE	TONNES	523249	18912825	523000	18913000	N/A	N/A	N/A
NICKEL	KILOGRAMS	88291560	550124912	124863000	781320000	688863475	12.82	18.13
PEAT	TONNES	4629	711443	530000	47975000	375120890	.00	.14
PETROLEUM	CU METRE	84788	16109720	78752000	16090476000	N/A	N/A	N/A
PLATINUM GROUP	KILOGRAMS	6964	79155805	6964	79156000	202173	3.44	3.44
POTASH	TONNES	0	0	6300000	645800000	26600000	.00	23.68
QUARTZ	TONNES	386706	10559822	1219000	18867000	N/A	N/A	N/A
SALT	TONNES	5479984	98726006	6754000	132356000	165788011	3.31	4.07
SAND & GRAVEL	TONNES	53582186	120231677	165092000	564350000	N/A	N/A	N/A
SELENIUM	KILOGRAMS	35254	334615	253000	2536000	1320000	2.67	19.17
SILVER	KILOGRAMS	414696	197916854	1193000	551787000	12149018	3.41	9.82
SOAPSTONE,TALC	TONNES	32877	6060101	33000	9162000	N/A	N/A	N/A
SODIUM SULPHATE	TONNES	0	0	N/A	42636000	1752681	.00	.00
STONE	TONNES	33831836	143703182	70324000	335992000	N/A	N/A	N/A
SULPHUR	TONNES	338752	19710474	7309000	469680000	50500000	.67	14.47
TELLURIUM	KILOGRAMS	1264	34633	16000	516000	110000	1.15	14.55
TIN	KILOGRAMS	3732	81495	140000	2015000	212000000	.00	.07
TUNGSTEN(MO3)	KILOGRAMS	0	0	1126000	N/A	38918000	.00	2.89
URANIUM(U)	KILOGRAMS	4767120	535770365	6823000	657136000	N/A	N/A	N/A
ZINC	KILOGRAMS	274818534	280505720	974004000	1084080000	6246000000	4.40	15.59

TOTAL VALUE OF ALL
MINERAL COMMODITIES

3587904285

38539005000

IN 1983

NOTE: VALUE OF LIME AND VALUE OF CEMENT PRODUCED IN ONTARIO EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME AND CEMENT.
IN 1983 \$9,969,988 WAS DEDUCTED FROM CEMENT AND \$6,637,039 WAS DEDUCTED FROM LIME.
REPORT 12 EXCLUDES FELDSPAR,SERPENTINE FILLER & TERRAZO CHIPS
THE 1984 AND PREVIOUS YEARS DATA FOR ONTARIO AND CANADA ARE BASED ON THE ANNUAL CENSUS OF MINES,QUARIES AND SAND PITS
AND THIS EDITED DATA TENDS TO BE MUCH MORE ACCURATE.

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IN ONTARIO, CANADA AND THE WORLD

MINERAL COMMODITY	UNIT OF VOLUME	ONTARIO		CANADA		WORLD VOLUME	ONTARIO VOLUME AS % OF WORLD VOLUME	CANADA VOLUME AS % OF WORLD VOLUME
		VOLUME	VALUE	VOLUME	VALUE			
			\$		\$			
ANTIMONY	KILOGRAMS	0	0	N/A	3163000	48534384	.00	.00
ASBESTOS	TONNES	0	0	837000	379275000	4600000	.00	18.20
BARITE	TONNES	8000	1500000	64000	6974000	6168856	.13	1.04
BISMUTH	KILOGRAMS	0	0	164000	1946000	3674098	.00	4.46
CADMIUM	KILOGRAMS	834332	3116180	1509000	6380000	17600000	4.74	8.57
CALCIUM	KILOGRAMS	515380	4559566	N/A	N/A	N/A	N/A	N/A
CEMENT	TONNES	3582611	225320319	8576000	686518000	948915238	.38	.90
CLAY PRODUCTS	N/A	N/A	82671246	N/A	135701000	N/A	N/A	N/A
COAL	TONNES	0	0	57401000	1794625000	N/A	N/A	N/A
COBALT	KILOGRAMS	1614435	37027130	2050000	49570000	26399076	6.12	7.77
COLUMBIUM(CB205)	KILOGRAMS	0	0	2767000	18778000	10432625	.00	26.52
COPPER	KILOGRAMS	292423266	537391499	722029000	1350208000	8120000000	3.60	8.89
GEMSTONES	TONNES	60	77422	184	1118000	N/A	N/A	N/A
GOLD	GRAMS	27820870	413229920	82975000	1240939000	1399656456	1.99	5.93
GYPSUM	TONNES	1183194	12715599	7775000	61562000	81011597	1.46	9.60
IRON ORE	TONNES	4550657	236348856	39926000	1496964000	797596823	.57	5.01
IRON, REMELT	TONNES	0	0	N/A	134827000	N/A	N/A	N/A
LEAD	KILOGRAMS	8931396	6310602	263754000	194599000	3250000000	.27	8.12
LIME	TONNES	1646615	98100718	2221000	153807000	112400189	1.46	1.98
MAGNESIITIC DOLOMITE	TONNES	0	0	112000	8145000	N/A	N/A	N/A
MAGNESIUM	KILOGRAMS	7587522	30926740	N/A	N/A	N/A	N/A	N/A
MAGNETITE	TONNES	3849	50541	N/A	N/A	N/A	N/A	N/A
MOLYBDENUM	KILOGRAMS	0	0	11557000	106158000	92532843	.00	12.49
NATURAL GAS	K CU METRE	548169	68466289	78328000	7949159000	N/A	N/A	N/A
NATURAL GAS BY-PROD.	CUBIC METRE	0	0	19640000	2849820000	N/A	N/A	N/A
NEPHELINE SYENITE	TONNES	520640	18609289	521000	18609000	N/A	N/A	N/A
NICKEL	KILOGRAMS	132442247	886903006	173119000	1162068000	696717880	19.01	24.85
PEAT	TONNES	5208	904485	541000	51987000	378296037	.00	.14
PETROLEUM	CU METRE	90375	17276060	83680000	17811377000	N/A	N/A	N/A
PLATINUM GROUP	KILOGRAMS	10245	131415965	10000	131416000	208393	4.92	4.80
POTASH	TONNES	0	0	7527000	867480000	27900000	.00	26.98
QUARTZ	TONNES	393536	10630992	1905000	39351000	N/A	N/A	N/A
SALT	TONNES	6412414	131720179	10235000	210191000	172229023	3.72	5.94
SAND & GRAVEL	TONNES	57419176	136124510	233759000	546328000	N/A	N/A	N/A
SELENIUM	KILOGRAMS	54583	1106316	349000	8667000	1240000	4.40	28.15
SILVER	KILOGRAMS	516525	163232892	1303000	436644000	12441391	4.15	10.47
SOAPSTONE, TALC	TONNES	42814	8505499	123000	12548000	N/A	N/A	N/A
SODIUM SULPHATE	TONNES	0	0	389000	37702000	1796226	.00	21.66
STONE	TONNES	41386602	179479698	88799000	411121000	N/A	N/A	N/A
SULPHUR	TONNES	445503	35590585	9196000	672348000	52500000	.85	17.52
TELLURIUM	KILOGRAMS	5530	149033	19000	511000	100000	5.53	19.00
TIN	KILOGRAMS	0	0	209000	3761000	209000000	.00	.10
TUNGSTEN(MO3)	KILOGRAMS	0	0	4196000	N/A	43200000	.00	9.71
URANIUM(U)	KILOGRAMS	4552158	544778444	10272000	901573000	N/A	N/A	N/A
ZINC	KILOGRAMS	294130699	395602305	1053407000	1463915000	6350000000	4.63	16.59
TOTAL VALUE OF ALL MINERAL COMMODITIES			4419841885		43692646000			

IN 1984

NOTE: VALUE OF LIME AND VALUE OF CEMENT PRODUCED IN ONTARIO EXCLUDE THE VALUE OF STONE USED TO PRODUCE THE LIME AND CEMENT.
 IN 1984 \$10,926,435 WAS DEDUCTED FROM CEMENT AND \$6,832,150 WAS DEDUCTED FROM LIME.
 REPORT 12 EXCLUDES FELDSPAR, SERPENTINE FILLER & TERRAZO CHIPS
 THE 1984 AND PREVIOUS YEARS DATA FOR ONTARIO AND CANADA ARE BASED ON THE ANNUAL CENSUS OF MINES, QUARIES AND SAND PITS
 AND THIS EDITED DATA TENDS TO BE MUCH MORE ACCURATE.

SL R12.DAT

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IN ONTARIO, CANADA AND THE WORLD

MINERAL COMMODITY	UNIT OF VOLUME	ONTARIO		CANADA		WORLD	ONTARIO VOLUME AS % OF WORLD VOLUME	CANADA VOLUME AS % OF WORLD VOLUME
		VOLUME	VALUE	VOLUME	VALUE			
			\$		\$			
ANTIMONY	KILOGRAMS	0	0	N/A	6577000	N/A	N/A	N/A
ASBESTOS	TONNES	0	0	744000	352275000	N/A	N/A	N/A
BARITE	TONNES	N/A	1500000	70000	6335000	N/A	N/A	N/A
BISMUTH	KILOGRAMS	1000	26000	222000	4344000	N/A	N/A	N/A
CADMIUM	KILOGRAMS	873000	3169000	1683000	6111000	N/A	N/A	N/A
CEMENT	TONNES	3871000	292225000	9232000	780050000	N/A	N/A	N/A
CLAY PRODUCTS	N/A	N/A	91725000	N/A	144487000	N/A	N/A	N/A
COAL	TONNES	0	0	60480000	1884100000	N/A	N/A	N/A
COBALT	KILOGRAMS	1676160	57462000	2676000	91727000	N/A	N/A	N/A
COLUMBIUM(CB205)	KILOGRAMS	N/A	N/A	3300000	N/A	N/A	N/A	N/A
COPPER	KILOGRAMS	280025000	554169000	730347000	1445357000	N/A	N/A	N/A
GEMSTONES	TONNES	N/A	110000	N/A	1151000	N/A	N/A	N/A
GOLD	GRAMS	31670000	440596000	86044000	1197051000	N/A	N/A	N/A
GYPSSUM	TONNES	1047000	15823000	8384000	80321000	N/A	N/A	N/A
IRON ORE	TONNES	4192000	227515000	40348000	N/A	N/A	N/A	N/A
LEAD	KILOGRAMS	4223000	2437000	263890000	152304000	N/A	N/A	N/A
LIME	TONNES	1647017	98821000	1875000	137043000	N/A	N/A	N/A
MAGNETIC DOLOMITE	TONNES	0	0	138000	10491000	N/A	N/A	N/A
MOLYBDENUM	KILOGRAMS	0	0	7569000	75390000	N/A	N/A	N/A
NATURAL GAS	K CU METRE	512000	65714000	80181000	7905997000	N/A	N/A	N/A
NATURAL GAS BY-PROD.	CUBIC METR	0	0	19674000	2747919000	N/A	N/A	N/A
NEPHELINE SYENITE	TONNES	488000	18903000	488000	18903000	N/A	N/A	N/A
NICKEL	KILOGRAMS	137668000	968358000	175570000	1234961000	N/A	N/A	N/A
PEAT	TONNES	6000	950000	586000	58475000	N/A	N/A	N/A
PETROLEUM	CU METRE	109000	23878000	84311000	18938654000	N/A	N/A	N/A
PLATINUM GROUP	KILOGRAMS	11000	148440000	11000	148440000	N/A	N/A	N/A
POTASH	TONNES	0	0	6923000	642054000	N/A	N/A	N/A
QUARTZ	TONNES	350000	9450000	1875000	36180000	N/A	N/A	N/A
SALT	TONNES	6102000	136404000	10043000	225995000	N/A	N/A	N/A
SAND & GRAVEL	TONNES	69250000	167400000	223724000	551254000	N/A	N/A	N/A
SELENIUM	KILOGRAMS	56000	1225000	235000	5043000	N/A	N/A	N/A
SILVER	KILOGRAMS	489000	136487000	1209000	337362000	N/A	N/A	N/A
SOAPSTONE, TALC	TONNES	N/A	9181000	132000	13683000	N/A	N/A	N/A
SODIUM SULPHATE	TONNES	0	0	354000	33387000	N/A	N/A	N/A
STONE	TONNES	40000000	175000000	86537000	401268000	N/A	N/A	N/A
SULPHUR	TONNES	458000	36030000	9023000	947557000	N/A	N/A	N/A
TELLURIUM	KILOGRAMS	4000	121000	20000	543000	N/A	N/A	N/A
TIN	KILOGRAMS	0	0	113000	1795000	N/A	N/A	N/A
TUNGSTEN(MO3)	KILOGRAMS	0	0	4002000	N/A	N/A	N/A	N/A
URANIUM(U)	KILOGRAMS	4485000	519479000	10029000	957660000	N/A	N/A	N/A
ZINC	KILOGRAMS	269497000	341722000	1038504000	1316824000	N/A	N/A	N/A

TOTAL VALUE OF ALL
MINERAL COMMODITIES

4544520000

44882196000

IN 1985

NOTE: THE 1985 DATA ARE PRELIMINARY ESTIMATES AND CAN VARY WIDELY (+/-25% OR MORE)
FROM THE FINAL CENSUS DATA WHICH WILL BE COLLECTED DURING 1986.
REPORT 12 EXCLUDES FELDSPAR, SERPENTINE FILLER & TERRAZZO CHIPS.

SL R12.DAT

APRIL 10, 1986

BLANK

		NFLD	P.E.I.	N.S.	N.B.	QUE.	ONT.	MAN.	SASK.	ALTA	B.C.	YUKON	N.W.T.	CANADA
	X 1000													
FUELS														
COAL	TONNE	0	0	2830	555	0	0	0	9745	24350	23000	0	0	60480
	\$	0	0	169000	29800	0	0	0	125100	458500	1101700	0	0	1884100
NATURAL GAS	KCU.M	0	0	0	4	0	512	0	1778	70869	6720	0	298	80181
	\$	0	0	0	200	0	65714	0	102466	7278483	431754	0	27380	7905997
NATURAL GAS BY-PROD.	CU.M	0	0	0	0	0	0	9	212	19240	213	0	0	19674
	\$	0	0	0	0	0	0	950	25840	2687226	33903	0	0	2747919
PETROLEUM, CRUDE	CU.M	0	0	0	N/A	0	109	820	11243	69213	1971	0	955	84311
	\$	0	0	0	15	0	23878	180400	2350000	15786925	430342	0	167094	18938654
TOTAL, FUELS	\$	0	0	169000	30015	0	89592	181350	2603406	26211134	1997699	0	194474	31476670
OTHER MINERALS	\$	0	0	0	4507	199249	28000	9068	2320	480	1016	0	33478	278118
TOTAL, OTHER MINERALS	\$	0	0	0	4507	199249	28000	9068	2320	480	1016	0	33478	278118

PRELIMINARY ESTIMATE OF THE MINERAL PRODUCTION OF CANADA, BY PROVINCE, 1985

		NFLD	P.E.I.	N.S.	N.B.	QUE.	ONT.	MAN.	SASK.	ALTA	B.C.	YUKON	N.W.T.	CANADA
	X 1000													
METALLIC MINERAL														
ANTIMONY	KG	0	0	0	N/A	0	0	0	0	0	N/A	0	0	N/A
	\$	0	0	0	2344	0	0	0	0	0	4233	0	0	6577
BISMUTH	KG	0	0	0	186	0	1	N/A	0	0	30	1	4	222
	\$	0	0	0	3641	0	26	7	0	0	592	10	68	4344
CADMIUM	KG	0	0	0	73	116	873	161	8	0	240	3	209	1683
	\$	0	0	0	266	423	3169	586	28	0	872	9	758	6111
COBALT	KG	0	0	0	0	0	1677	354	0	0	0	0	0	2031
	\$	0	0	0	0	0	57462	12128	0	0	0	0	0	69990
COLUMBIUM(CB205)	KG	0	0	0	0	3300	0	0	0	0	0	0	0	3300
	\$	0	0	0	0	N/A	0	0	0	0	0	0	0	N/A
COPPER	KG	0	0	0	6585	68855	280025	67704	4699	0	302479	0	0	730347
	\$	0	0	0	13031	136265	554169	133986	9299	0	598607	0	0	1445357
GOLD	G	0	0	0	252	29303	31670	2101	190	8	6441	3098	12981	86044
	\$	0	0	0	3506	407665	440596	29231	2649	117	89604	43098	180585	1197051
IRON ORE	TONNE	21269	0	0	0	14800	4192	0	0	0	87	0	0	40348
	\$	835633	0	0	0	N/A	227515	0	0	0	3185	0	0	N/A
IRON, REMELT	TONNE	0	0	0	0	N/A	0	0	0	0	0	0	0	N/A
	\$	0	0	0	0	N/A	0	0	0	0	0	0	0	N/A
LEAD	KG	0	0	0	73398	0	4223	683	0	0	106435	1520	77631	263890
	\$	0	0	0	42362	0	2437	394	0	0	61429	877	44805	152304
MOLYBDENUM	KG	0	0	0	0	235	0	0	0	0	7334	0	0	7569
	\$	0	0	0	0	2301	0	0	0	0	73089	0	0	75390
NICKEL	KG	0	0	0	0	0	137668	37902	0	0	0	0	0	175570
	\$	0	0	0	0	0	968358	266603	0	0	0	0	0	1234961
PLATINUM GROUP	KG	0	0	0	0	0	11	0	0	0	0	0	0	11
	\$	0	0	0	0	0	148440	0	0	0	0	0	0	148440
SELENIUM	KG	0	0	0	0	147	56	45	8	0	0	0	0	256
	\$	0	0	0	0	3148	1225	973	172	0	0	0	0	5518
SILVER	KG	0	0	0	187	50	489	35	5	0	364	45	34	1209
	\$	0	0	0	52215	13836	136487	9724	1325	0	101485	12675	9615	337362
TANTALUM(TA205)	KG	0	0	0	0	0	0	39	0	0	0	0	0	39
	\$	0	0	0	0	0	0	3045	0	0	0	0	0	3045
TELLURIUM	KG	0	0	0	0	11	4	4	1	0	0	0	0	20
	\$	0	0	0	0	304	121	100	18	0	0	0	0	543
TIN	KG	0	0	0	0	0	0	0	0	0	113	0	0	113
	\$	0	0	0	0	0	0	0	0	0	1795	0	0	1795
TUNGSTEN(WO3)	KG	0	0	0	502	0	0	0	0	0	0	0	3500	4002
	\$	0	0	0	N/A	0	0	0	0	0	0	0	N/A	N/A
URANIUM(U)	KG	0	0	0	0	0	4485	0	5544	0	0	0	0	10029
	\$	0	0	0	0	0	519479	0	438181	0	0	0	0	957660
ZINC	KG	29686	0	0	230974	64330	269497	63372	4143	0	106815	32	269655	1038504
	\$	37642	0	0	292875	81571	341722	80356	5253	0	135441	41	341923	1316824
TOTAL, METALLIC MINERAL	\$	873275	0	0	410240	1288313	3401206	537133	454925	117	1070332	56710	577754	8672005

PRELIMINARY ESTIMATE OF THE MINERAL PRODUCTION OF CANADA, BY PROVINCE, 1985

		NFLD	P.E.I.	N.S.	N.B.	QUE.	ONT.	MAN.	SASK.	ALTA	B.C.	YUKON	N.W.T.	CANADA
X 1000														
NON-METALLIC MINERAL	TONNE													
ASBESTOS	\$	50	0	0	0	601	0	0	0	0	93	0	0	744
	\$	20442	0	0	0	241054	0	0	0	0	90779	0	0	352275
BARITE	TONNE	N/A	0	N/A	0	0	N/A	0	0	0	N/A	0	0	70
	\$	362	0	1779	0	0	1500	0	0	0	2694	0	0	6335
GEMSTONES	KG	0	0	0	0	0	N/A	0	0	0	N/A	0	0	N/A
	\$	0	0	0	0	0	110	0	0	0	1041	0	0	1151
GYPNUM	TONNE	450	0	6281	0	0	1047	228	0	0	378	0	0	8384
	\$	5337	0	52216	0	0	15823	2605	0	0	4340	0	0	80321
MAGNESITIC DOLOMITE	TONNE	0	0	0	0	N/A	0	0	0	0	N/A	0	0	138
	\$	0	0	0	0	6875	0	0	0	0	3616	0	0	10491
NEPHELINE SYENITE	TONNE	0	0	0	0	0	488	0	0	0	0	0	0	488
	\$	0	0	0	0	0	18903	0	0	0	0	0	0	18903
PEAT	TONNE	1	4	6	201	220	6	84	11	50	3	0	0	586
	\$	49	685	920	13154	18488	950	12494	1750	10164	159	0	0	58813
POTASH(K2O)	TONNE	0	0	0	N/A	0	0	0	N/A	0	0	0	0	6923
	\$	0	0	0	N/A	0	0	0	N/A	0	0	0	0	642054
QUARTZ	TONNE	N/A	0	N/A	N/A	738	350	N/A	125	N/A	N/A	0	0	1875
	\$	1853	0	N/A	N/A	N/A	9450	2959	N/A	4700	2013	0	0	41630
SALT	TONNE	0	0	N/A	N/A	0	6102	0	408	1403	0	0	0	10043
	\$	0	0	N/A	N/A	0	136604	0	26817	16218	0	0	0	225995
SOAPSTONE, TALC	TONNE	43	0	0	0	N/A	N/A	0	0	0	0	0	0	132
	\$	1495	0	0	0	3007	9181	0	0	0	0	0	0	13683
SODIUM SULPHATE	TONNE	0	0	0	0	0	0	0	N/A	N/A	0	0	0	354
	\$	0	0	0	0	0	0	0	29905	3482	0	0	0	33387
SULPHUR (ELEMENTAL)	TONNE	0	0	0	0	0	1	0	8	7995	246	0	0	8250
	\$	0	0	0	0	0	82	0	636	851763	29174	0	0	881655
SULPHUR SMELTER GAS	TONNE	0	0	0	95	78	457	1	0	0	50	2	90	773
	\$	0	0	0	11630	12035	35948	42	0	0	2199	88	3960	65902
TOTAL, NON-METALLIC MINERAL	\$	29538	685	86410	59925	310241	228551	18100	672755	886327	136015	88	3960	2432595

PRELIMINARY ESTIMATE OF THE MINERAL PRODUCTION OF CANADA, BY PROVINCE, 1985

		MB	P.E.I.	N.S.	N.B.	QUE.	ONT.	MAN.	SASK.	ALTA.	B.C.	YUKON	N.W.T.	CANADA
STRUCTURAL MATERIAL	X 1000													
CEMENT	TONNE	N/A	0	N/A	N/A	3053	3871	311	N/A	1007	990	0	0	9232
	\$	8462	0	22094	15134	196200	292225	33148	16769	118779	77239	0	0	780050
CLAY PRODUCTS	\$	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	N/A
		1150	0	7750	4325	21987	91725	2150	4050	7550	3800	0	0	144487
LIME	TONNE	0	0	0	N/A	265	1647	N/A	0	147	108	0	0	2167
	\$	0	0	0	5340	18258	98821	5725	0	10305	7300	0	0	145749
SAND AND GRAVEL	TONNE	3025	400	7475	7600	29564	69250	12410	10200	44600	31750	700	6750	223724
	\$	11350	1550	21300	9700	60019	167400	33150	26375	109000	76835	1225	33350	551254
STONE	TONNE	575	0	4400	2060	31173	40000	1922	0	180	6100	0	127	86537
	\$	3335	0	21250	11120	142574	175000	8635	0	2324	36235	0	795	401268
TOTAL, STRUCTURAL MATERIAL	\$	24297	1550	72394	45619	439038	825171	82808	47194	247958	201409	1225	34145	2022808
GRAND TOTAL 1985	\$	927110	2235	327804	550306	2236841	4572520	828459	3782600	27346016	3406471	58023	843811	44882196
GRAND TOTAL 1984	\$	979224	1914	303841	612951	2167177	4435013	812244	3758093	26429325	3345590	70143	777131	43692646

REVISED STATISTICS OF THE MINERAL PRODUCTION OF CANADA, BY PROVINCE, 1984

		NFLD	P.E.I.	N.S.	N.B.	QUE.	ONT.	MAN.	SASK.	ALTA	B.C.	YUKON	N.W.T.	CANADA
FUELS	X 1000													
COAL	TONNE	0	0	3093	564	0	0	0	9917	23052	20775	0	0	57401
	\$	0	0	162252	29806	0	0	0	126971	458611	1016985	0	0	1794625
NATURAL GAS	KCU.M	0	0	0	1	0	548	0	1827	68498	7266	0	188	78328
	\$	0	0	0	18	0	69014	0	92549	7332722	436105	0	18751	7949159
NATURAL GAS BY-PROD.	CU.M	0	0	0	0	0	0	0	211	19156	273	0	0	19640
	\$	0	0	0	0	0	0	0	28156	2777831	43833	0	0	2849820
PETROLEUM, CRUDE	CU.M	0	0	0	N/A	0	90	793	10813	69701	2108	0	175	83680
	\$	0	0	0	13	0	17276	169784	2180000	14987209	436882	0	20213	17811377
TOTAL, FUELS	\$	0	0	162252	29837	0	86290	169784	2427676	25556373	1933805	0	38964	30404981
OTHER MINERALS	\$	0	0	0	11406	181938	36155	9157	2069	472	2479	0	31137	274813
TOTAL, OTHER MINERALS	\$	0	0	0	11406	181938	36155	9157	2069	472	2479	0	31137	274813

REVISED STATISTICS OF THE MINERAL PRODUCTION OF CANADA, BY PROVINCE, 1984

		Nfld	P.E.I.	N.S.	N.B.	QUE.	ONT.	MAN.	SASK.	ALTA	B.C.	YUKON	N.W.T.	CANADA
	X 1000													
METALLIC MINERAL														
ANTIMONY	KG	0	0	0	N/A	0	0	0	0	0	N/A	0	0	N/A
	\$	0	0	0	1139	0	0	0	0	0	2024	0	0	3163
BISMUTH	KG	0	0	0	152	0	0	N/A	0	0	9	N/A	3	164
	\$	0	0	0	1796	0	0	1	0	0	113	2	34	1946
CADMIUM	KG	0	0	0	89	90	834	149	17	0	114	2	214	1509
	\$	0	0	0	432	434	3116	720	82	0	553	9	1034	6380
COBALT	KG	0	0	0	0	0	1614	436	0	0	0	0	0	2050
	\$	0	0	0	0	0	37027	12543	0	0	0	0	0	49570
COLUMBIUM(CB205)	KG	0	0	0	0	2767	0	0	0	0	0	0	0	2767
	\$	0	0	0	0	18778	0	0	0	0	0	0	0	18778
COPPER	KG	1146	0	0	7800	67618	292423	67537	4798	0	280638	0	69	722029
	\$	2169	0	0	14757	127933	537392	127781	9078	0	530968	0	130	1350208
GOLD	G	35	0	0	781	28632	27821	2154	188	16	7656	2960	12732	82975
	\$	527	0	0	11718	429684	413230	32327	2819	247	114897	44419	191071	1240939
IRON ORE	TONNE	21184	0	0	0	14020	4551	0	0	0	171	0	0	39926
	\$	851420	0	0	0	403398	236349	0	0	0	5797	0	0	1496964
IRON, REMELT	TONNE	0	0	0	0	N/A	0	0	0	0	0	0	0	N/A
	\$	0	0	0	0	134827	0	0	0	0	0	0	0	134827
LEAD	KG	4845	0	0	71732	0	8931	817	0	0	85148	2083	90198	263754
	\$	3580	0	0	53003	0	6311	604	0	0	62915	1539	64647	194599
MOLYBDENUM	KG	0	0	0	0	136	0	0	0	0	11421	0	0	11557
	\$	0	0	0	0	1384	0	0	0	0	104774	0	0	106158
NICKEL	KG	0	0	0	0	0	132442	40677	0	0	0	0	0	173119
	\$	0	0	0	0	0	886903	275165	0	0	0	0	0	1162068
PLATINUM GROUP	KG	0	0	0	0	0	10	0	0	0	0	0	0	10
	\$	0	0	0	0	0	131416	0	0	0	0	0	0	131416
SELENIUM	KG	0	0	0	0	212	55	71	11	0	0	0	0	349
	\$	0	0	0	0	5460	1106	1827	274	0	0	0	0	8667
SILVER	KG	7	0	0	217	47	517	36	5	0	361	54	59	1303
	\$	2502	0	0	75597	16340	163233	12365	1836	0	125585	18825	20361	436644
TANTALUM(TA205)	KG	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0
TELLURIUM	KG	0	0	0	0	10	6	3	N/A	0	0	0	0	19
	\$	0	0	0	0	261	149	88	13	0	0	0	0	511
TIN	KG	0	0	0	0	0	0	0	0	0	209	0	0	209
	\$	0	0	0	0	0	0	0	0	0	3761	0	0	3761
TUNGSTEN(WO3)	KG	0	0	0	1084	0	0	0	0	0	0	0	3112	4196
	\$	0	0	0	N/A	0	0	0	0	0	0	0	N/A	N/A
URANIUM(U)	KG	0	0	0	0	0	4552	0	5720	0	0	0	0	10272
	\$	0	0	0	0	0	544779	0	356794	0	0	0	0	901573
ZINC	KG	42620	0	0	232792	58249	294131	48854	6160	0	95508	173	274920	1053407
	\$	59967	0	0	327539	81968	395602	68737	8666	0	134379	244	386813	1463915
TOTAL, METALLIC MINERAL	\$	920165	0	0	485981	1220467	3356613	532158	379562	247	1085766	65038	664090	8712087

		WFLD	P.E.I.	N.S.	N.B.	QUE.	ONT.	MAN.	SASK.	ALTA	B.C.	YUKON	N.W.T.	CANADA
	X 1000													
NON-METALLIC MINERAL														
ASBESTOS	TONNE	54	0	0	0	691	0	0	0	0	92	0	0	837
	\$	25339	0	0	0	278640	0	0	0	0	75296	0	0	379275
BARITE	TONNE	N/A	0	N/A	0	0	8	0	0	0	N/A	0	0	64
	\$	1149	0	1613	0	0	1500	0	0	0	2712	0	0	6974
GEMSTONES	KG	0	0	0	0	0	60	0	0	0	N/A	0	0	184
	\$	0	0	0	0	0	77	0	0	0	1041	0	0	1118
GYPSUM	TONNE	531	0	5476	0	0	1183	173	0	0	412	0	0	7775
	\$	4549	0	38373	0	0	12716	1848	0	0	4076	0	0	61562
MAGNESITIC DOLOMITE	TONNE	0	0	0	0	N/A	0	0	0	0	N/A	0	0	112
	\$	0	0	0	0	6382	0	0	0	0	1763	0	0	8145
NEPHELINE SYENITE	TONNE	0	0	0	0	0	521	0	0	0	0	0	0	521
	\$	0	0	0	0	0	18609	0	0	0	0	0	0	18609
PEAT	TONNE	1	4	5	151	234	5	71	10	49	11	0	0	541
	\$	44	1109	1424	10974	17171	904	9837	1335	7555	1634	0	0	51987
POTASH(K2O)	TONNE	0	0	0	N/A	0	0	0	N/A	0	0	0	0	7527
	\$	0	0	0	N/A	0	0	0	N/A	0	0	0	0	867480
QUARTZ	TONNE	N/A	0	N/A	N/A	764	394	N/A	128	N/A	N/A	0	0	1905
	\$	2138	0	N/A	N/A	N/A	10631	3038	N/A	3163	1730	0	0	39351
SALT	TONNE	0	0	N/A	N/A	N/A	6412	0	402	1264	0	0	0	10235
	\$	0	0	N/A	N/A	N/A	131720	0	20362	15427	0	0	0	210191
SOAPSTONE, TALC	TONNE	N/A	0	0	0	N/A	43	0	0	0	0	0	0	123
	\$	1654	0	0	0	2389	8505	0	0	0	0	0	0	12548
SODIUM SULPHATE	TONNE	0	0	0	0	0	0	0	N/A	N/A	N/A	0	0	389
	\$	0	0	0	0	0	0	0	33518	3993	191	0	0	37702
SULPHUR (ELEMENTAL)	TONNE	0	0	0	0	0	3	0	2	8071	277	0	0	8353
	\$	0	0	0	0	0	211	0	148	591777	17005	0	0	609141
SULPHUR SMELTER GAS	TONNE	0	0	0	114	56	442	0	0	0	231	0	0	843
	\$	0	0	0	8507	9111	35379	0	0	0	10210	0	0	63207
TOTAL, NON-METALLIC MINERAL	\$	34873	1109	68453	43549	342455	220252	14723	904303	621915	115658	0	0	2367290

REVISED STATISTICS OF THE MINERAL PRODUCTION OF CANADA, BY PROVINCE, 1984

		NFLD	P.E.I.	N.S.	N.B.	QUE.	ONT.	MAN.	SASK.	ALTA	B.C.	YUKON	N.W.T.	CANADA
X 1000														
STRUCTURAL MATERIAL	TONNE	N/A	0	N/A	N/A	2728	3583	336	N/A	990	939	0	0	8576
CEMENT	\$	7675	0	24252	14567	171650	225320	34192	18852	120071	69939	0	0	686518
CLAY PRODUCTS	\$	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	N/A
		1546	0	6430	3313	20945	82367	2156	3561	8153	7230	0	0	135701
LIME	TONNE	0	0	0	N/A	317	1647	N/A	0	160	97	0	0	2221
	\$	0	0	0	5154	24122	98101	6194	0	13677	6559	0	0	153807
SAND AND GRAVEL	TONNE	3123	271	8180	7401	35189	67245	11693	9737	45494	35103	3074	7249	233759
	\$	11637	805	20925	8803	66353	151380	31953	22070	105001	85973	5105	36323	546328
STONE	TONNE	558	0	4377	2035	30946	41037	2120	0	258	6739	0	729	88799
	\$	3328	0	21529	10341	139247	178535	11927	0	3416	38181	0	4617	411121
TOTAL, STRUCTURAL MATERIAL	\$	24186	805	73136	42178	422317	735703	86422	44483	250318	207882	5105	40940	1933475
GRAND TOTAL 1984	\$	979224	1914	303841	612951	2167177	4435013	812244	3758093	26429325	3345590	70143	777131	43692646

NOTE: \$ VALUE IS CALCULATED ON A "METALS PAID FOR BASIS". UNLESS A METAL RECOVERD IS PAYED FOR, IT IS NOT RECORDED IN THIS TABLE. FOR EXAMPLE, BISMUTH & SELENIUM WERE EVENTUALLY RECOVERD BUT THE MINING COMPANY IN ONTARIO RECEIVED NO PAYMENT, SO NO \$ VALUE IS RECORDED.
SEE R10 FOR RE-REVISED 1984 ONTARIO DATA.

PERCENT CHANGE OF THE MINERAL PRODUCTION OF CANADA, BY PROVINCE

		NFLD	P.E.I.	N.S.	N.B.	QUE.	ONT.	MAN.	SASK.	ALTL.	B.C.	YUKON	N.W.T.	CANADA
		%	%	%	%	%	%	%	%	%	%	%	%	%
FUELS														
COAL	VOLUME	0.0	0.0	-8.5	-1.6	0.0	0.0	0.0	-1.7	5.6	10.7	0.0	0.0	5.4
	\$	0.0	0.0	4.2	0.0	0.0	0.0	0.0	-1.5	0.0	8.3	0.0	0.0	5.0
NATURAL GAS	VOLUME	0.0	0.0	0.0	300.0	0.0	-6.6	0.0	-2.7	3.5	-7.5	0.0	58.5	2.4
	\$	0.0	0.0	0.0	1011.1	0.0	-4.8	0.0	10.7	-0.7	-1.0	0.0	46.0	-0.5
NATURAL GAS BY-PROD.	VOLUME	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	-22.0	0.0	0.0	0.2
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-8.2	-3.3	-22.7	0.0	0.0	-3.6
PETROLEUM, CRUDE	VOLUME	0.0	0.0	0.0	N/A	0.0	21.1	3.4	4.0	-0.7	-6.5	0.0	445.7	0.8
	\$	0.0	0.0	0.0	15.4	0.0	38.2	6.3	7.8	5.3	-1.5	0.0	726.7	6.3
TOTAL FOR FUELS	\$	0.0	0.0	4.2	0.6	0.0	3.8	6.8	7.2	2.6	3.3	0.0	399.1	3.5

PERCENT CHANGE OF THE MINERAL PRODUCTION OF CANADA, BY PROVINCE

		Nfld	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.	Canada
		%	%	%	%	%	%	%	%	%	%	%	%	%
METALLIC MINERAL														
ANTIMONY	VOLUME	0.0	0.0	0.0	N/A	0.0	0.0	0.0	0.0	0.0	N/A	0.0	0.0	N/A
	\$	0.0	0.0	0.0	105.8	0.0	0.0	0.0	0.0	0.0	109.1	0.0	0.0	107.9
BISMUTH	VOLUME	0.0	0.0	0.0	22.4	0.0	0.0	N/A	0.0	0.0	233.3	N/A	33.3	35.4
	\$	0.0	0.0	0.0	102.7	0.0	0.0	600.0	0.0	0.0	423.9	400.0	100.0	123.2
CADMIUM	VOLUME	0.0	0.0	0.0	-18.0	28.9	4.7	8.1	-52.9	0.0	110.5	50.0	-2.3	11.5
	\$	0.0	0.0	0.0	-38.4	-2.5	1.7	-18.6	-65.9	0.0	57.7	0.0	-26.7	-4.2
COBALT	VOLUME	0.0	0.0	0.0	0.0	0.0	3.9	-18.8	0.0	0.0	0.0	0.0	0.0	-0.9
	\$	0.0	0.0	0.0	0.0	0.0	55.2	-3.3	0.0	0.0	0.0	0.0	0.0	40.4
COLUMBIUM(CB205)	VOLUME	0.0	0.0	0.0	0.0	19.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.3
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
COPPER	VOLUME	-100.0	0.0	0.0	-15.6	1.8	-4.2	0.2	-2.1	0.0	7.8	0.0	-100.0	1.2
	\$	-100.0	0.0	0.0	-11.7	6.5	3.1	4.9	2.4	0.0	12.7	0.0	-100.0	7.0
GOLD	VOLUME	-100.0	0.0	0.0	-67.7	2.3	13.8	-2.5	1.1	-50.0	-15.9	4.7	2.0	3.7
	\$	-100.0	0.0	0.0	-70.1	-5.1	6.6	-9.6	-6.0	-52.6	-22.0	-3.0	-5.5	-3.5
IRON ORE	VOLUME	0.4	0.0	0.0	0.0	5.6	-7.9	0.0	0.0	0.0	-49.1	0.0	0.0	1.1
	\$	-1.9	0.0	0.0	0.0	N/A	-3.7	0.0	0.0	0.0	-45.1	0.0	0.0	N/A
IRON, REMELT	VOLUME	0.0	0.0	0.0	0.0	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
	\$	0.0	0.0	0.0	0.0	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
LEAD	VOLUME	-100.0	0.0	0.0	2.3	0.0	-52.7	-16.4	0.0	0.0	25.0	-27.0	-13.9	0.1
	\$	-100.0	0.0	0.0	-20.1	0.0	-61.4	-34.8	0.0	0.0	-2.4	-43.0	-32.8	-21.7
MOLYBDENUM	VOLUME	0.0	0.0	0.0	0.0	72.8	0.0	0.0	0.0	0.0	-35.8	0.0	0.0	-34.5
	\$	0.0	0.0	0.0	0.0	66.3	0.0	0.0	0.0	0.0	-30.2	0.0	0.0	-29.0
NICKEL	VOLUME	0.0	0.0	0.0	0.0	0.0	3.9	-6.8	0.0	0.0	0.0	0.0	0.0	1.4
	\$	0.0	0.0	0.0	0.0	0.0	9.2	-3.1	0.0	0.0	0.0	0.0	0.0	6.3
PLATINUM GROUP	VOLUME	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
	\$	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0
SELENIUM	VOLUME	0.0	0.0	0.0	0.0	-30.7	1.8	-36.6	-27.3	0.0	0.0	0.0	0.0	-26.6
	\$	0.0	0.0	0.0	0.0	-42.3	10.8	-46.7	-37.2	0.0	0.0	0.0	0.0	-36.3
SILVER	VOLUME	-100.0	0.0	0.0	-13.8	6.4	-5.4	-2.8	0.0	0.0	0.8	-16.7	-42.4	-7.2
	\$	-100.0	0.0	0.0	-30.9	-15.3	-16.4	-21.4	-27.8	0.0	-19.2	-32.7	-52.8	-22.7
TANTALUM(TA205)	VOLUME	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TELLURIUM	VOLUME	0.0	0.0	0.0	0.0	10.0	-33.3	33.3	N/A	0.0	0.0	0.0	0.0	5.3
	\$	0.0	0.0	0.0	0.0	16.5	-18.8	13.6	38.5	0.0	0.0	0.0	0.0	6.3
TIN	VOLUME	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-45.9	0.0	0.0	-45.9
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-52.3	0.0	0.0	-52.3
TUNGSTEN(WO3)	VOLUME	0.0	0.0	0.0	-53.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	-4.6
	\$	0.0	0.0	0.0	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
URANIUM(U)	VOLUME	0.0	0.0	0.0	0.0	0.0	-1.5	0.0	-3.1	0.0	0.0	0.0	0.0	-2.4
	\$	0.0	0.0	0.0	0.0	0.0	-4.6	0.0	22.8	0.0	0.0	0.0	0.0	6.2
ZINC	VOLUME	-30.3	0.0	0.0	-0.8	10.4	-8.4	29.7	-32.7	0.0	11.8	-81.5	-1.9	-1.4
	\$	-37.2	0.0	0.0	-10.6	-0.5	-13.6	16.9	-39.4	0.0	0.8	-83.2	-11.6	-10.0
TOTAL FOR METALLIC MINERAL	\$	-5.1	0.0	0.0	-15.6	5.6	1.3	0.9	20.4	-52.6	-1.4	-12.8	-13.3	-0.5

PERCENT CHANGE OF THE MINERAL PRODUCTION OF CANADA, BY PROVINCE

		Nfld	P.E.I.	N.S.	N.B.	QUE.	ONT.	MAN.	SASK.	ATL.	B.C.	YUKON	N.W.T.	CANADA
		%	%	%	%	%	%	%	%	%	%	%	%	%
NON-METALLIC MINERAL														
ASBESTOS	VOLUME	-7.4	0.0	0.0	0.0	-13.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	-11.1
	\$	-19.3	0.0	0.0	0.0	-13.5	0.0	0.0	0.0	0.0	20.6	0.0	0.0	-7.1
BARITE	VOLUME	N/A	0.0	N/A	0.0	0.0	N/A	0.0	0.0	0.0	N/A	0.0	0.0	9.4
	\$	-68.5	0.0	10.3	0.0	0.0	0.0	0.0	0.0	0.0	-0.7	0.0	0.0	-9.2
GEMSTONES	VOLUME	0.0	0.0	0.0	0.0	0.0	N/A	0.0	0.0	0.0	N/A	0.0	0.0	N/A
	\$	0.0	0.0	0.0	0.0	0.0	42.9	0.0	0.0	0.0	0.0	0.0	0.0	3.0
GYPSUM	VOLUME	-15.3	0.0	14.7	0.0	0.0	-11.5	31.8	0.0	0.0	-8.3	0.0	0.0	7.8
	\$	17.3	0.0	36.1	0.0	0.0	24.4	41.0	0.0	0.0	6.5	0.0	0.0	30.5
MAGNESITIC DOLOMITE	VOLUME	0.0	0.0	0.0	0.0	N/A	0.0	0.0	0.0	0.0	N/A	0.0	0.0	23.2
	\$	0.0	0.0	0.0	0.0	7.7	0.0	0.0	0.0	0.0	105.1	0.0	0.0	28.8
NEPHELINE SYENITE	VOLUME	0.0	0.0	0.0	0.0	0.0	-6.3	0.0	0.0	0.0	0.0	0.0	0.0	-6.3
	\$	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	1.6
PEAT	VOLUME	0.0	0.0	20.0	33.1	-6.0	20.0	18.3	10.0	2.0	-72.7	0.0	0.0	8.3
	\$	11.4	-38.2	-35.4	19.9	7.7	5.1	27.0	31.1	34.5	-90.3	0.0	0.0	13.1
POTASH(K2O)	VOLUME	0.0	0.0	0.0	N/A	0.0	0.0	0.0	N/A	0.0	0.0	0.0	0.0	-8.0
	\$	0.0	0.0	0.0	N/A	0.0	0.0	0.0	N/A	0.0	0.0	0.0	0.0	-26.0
QUARTZ	VOLUME	N/A	0.0	N/A	N/A	-3.4	-11.2	N/A	-2.3	N/A	N/A	0.0	0.0	-1.6
	\$	-13.3	0.0	N/A	N/A	N/A	-11.1	-2.6	N/A	48.6	16.4	0.0	0.0	5.8
SALT	VOLUME	0.0	0.0	N/A	N/A	0.0	-4.8	0.0	1.5	11.0	0.0	0.0	0.0	-1.9
	\$	0.0	0.0	N/A	N/A	0.0	3.7	0.0	31.7	5.1	0.0	0.0	0.0	7.5
SOAPSTONE, TALC	VOLUME	0.0	0.0	0.0	0.0	N/A	N/A	0.0	0.0	0.0	0.0	0.0	0.0	7.3
	\$	-9.6	0.0	0.0	0.0	25.9	7.9	0.0	0.0	0.0	0.0	0.0	0.0	9.0
SODIUM SULPHATE	VOLUME	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	N/A	0.0	0.0	-9.0
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-10.8	-12.8	-100.0	0.0	0.0	-11.4
SULPHUR (ELEMENTAL)	VOLUME	0.0	0.0	0.0	0.0	0.0	-66.7	0.0	300.0	-0.9	-11.2	0.0	0.0	-1.2
	\$	0.0	0.0	0.0	0.0	0.0	-61.1	0.0	329.7	43.9	71.6	0.0	0.0	44.7
SULPHUR SMELTER GAS	VOLUME	0.0	0.0	0.0	-16.7	39.3	3.4	0.0	0.0	0.0	-78.4	0.0	0.0	-8.3
	\$	0.0	0.0	0.0	36.7	32.1	1.6	0.0	0.0	0.0	-78.5	0.0	0.0	4.3
TOTAL FOR NON-METALLIC MINERAL \$		-15.3	-38.2	32.6	27.2	-10.3	3.8	22.9	6.8	42.5	17.6	0.0	0.0	2.8

PERCENT CHANGE OF THE MINERAL PRODUCTION OF CANADA, BY PROVINCE

		Nfld	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.	Canada
		%	%	%	%	%	%	%	%	%	%	%	%	%
STRUCTURAL MATERIAL														
CEMENT	VOLUME	N/A	0.0	N/A	N/A	11.9	8.0	-7.4	0.0	1.7	5.4	0.0	0.0	7.6
	\$	10.3	0.0	-8.9	3.9	14.3	29.7	-3.1	-11.0	-1.1	10.4	0.0	0.0	13.6
CLAY PRODUCTS	VOLUME	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	\$	-25.6	0.0	20.5	30.5	5.0	11.4	-0.3	13.7	-7.4	-47.4	0.0	0.0	6.5
LIME	VOLUME	0.0	0.0	0.0	0.0	-16.4	0.0	N/A	0.0	-8.1	11.3	0.0	0.0	-2.4
	\$	0.0	0.0	0.0	3.6	-24.3	0.7	-7.6	0.0	-24.7	11.3	0.0	0.0	-5.2
SAND AND GRAVEL	VOLUME	-3.1	47.6	-8.6	2.7	-16.0	3.0	6.1	4.8	-2.0	-9.6	-77.2	-6.9	-4.3
	\$	-2.5	92.5	1.8	10.2	-9.5	10.6	3.7	19.5	3.8	-10.6	-76.0	-8.2	0.9
STONE	VOLUME	3.0	0.0	0.5	1.2	0.7	-2.5	-9.3	0.0	-30.2	-9.5	0.0	-82.6	-2.5
	\$	0.2	0.0	-1.3	7.5	2.4	-2.0	-27.6	0.0	-32.0	-5.1	0.0	-82.8	-2.4
TOTAL FOR STRUCTURAL MATERIAL \$		0.5	92.5	-1.0	8.2	4.0	12.2	-4.2	6.1	-0.9	-3.1	-76.0	-16.6	4.6

1984 VS 1983

PERCENT CHANGE OF THE MINERAL PRODUCTION OF CANADA, BY PROVINCE

		NFLD	P.E.I.	N.S.	N.B.	QUE.	ONT.	MAN.	SASK.	ALTL.	B.C.	YUKON	N.W.T.	CANADA
		%	%	%	%	%	%	%	%	%	%	%	%	%
FUELS														
COAL	VOLUME	0.0	0.0	3.6	1.1	0.0	0.0	0.0	27.8	5.8	77.5	0.0	0.0	28.2
	\$	0.0	0.0	11.4	0.5	0.0	0.0	0.0	51.8	-2.6	77.2	0.0	0.0	37.6
NATURAL GAS	VOLUME	0.0	0.0	0.0	-50.0	0.0	19.4	0.0	29.0	8.2	5.6	0.0	4.4	8.4
	\$	0.0	0.0	0.0	-35.7	0.0	50.3	0.0	71.3	11.5	14.4	0.0	0.3	12.3
NATURAL GAS BY-PROD.	VOLUME	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.3	9.0	6.2	0.0	0.0	9.0
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	6.1	11.3	0.0	0.0	6.3
PETROLEUM, CRUDE	VOLUME	0.0	0.0	0.0	0.0	0.0	5.9	7.5	13.4	5.4	0.6	0.0	3.6	6.3
	\$	0.0	0.0	0.0	0.0	0.0	7.2	11.0	22.2	9.3	8.1	0.0	6.5	10.7
TOTAL FOR FUELS	\$	0.0	0.0	11.4	0.4	0.0	39.1	11.0	24.8	9.3	38.2	0.0	3.4	12.0

PERCENT CHANGE OF THE MINERAL PRODUCTION OF CANADA, BY PROVINCE

		Nfld	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.	Canada
		%	%	%	%	%	%	%	%	%	%	%	%	%
METALLIC MINERAL														
ANTIMONY	VOLUME	0.0	0.0	0.0	N/A	0.0	0.0	0.0	0.0	0.0	N/A	0.0	0.0	N/A
	\$	0.0	0.0	0.0	93.4	0.0	0.0	0.0	0.0	0.0	41.3	0.0	0.0	56.5
BISMUTH	VOLUME	0.0	0.0	0.0	-8.4	0.0	0.0	0.0	0.0	0.0	-80.9	0.0	-90.6	-33.1
	\$	0.0	0.0	0.0	112.0	0.0	0.0	0.0	0.0	0.0	-47.4	0.0	-79.1	58.9
CADMIUM	VOLUME	-100.0	0.0	0.0	61.8	5.9	24.9	46.1	30.8	0.0	-17.4	0.0	7033.3	41.3
	\$	-100.0	0.0	0.0	155.6	65.6	90.2	131.5	115.8	0.0	30.7	50.0	10240.0	122.8
COBALT	VOLUME	0.0	0.0	0.0	0.0	0.0	57.5	35.8	0.0	0.0	0.0	0.0	0.0	52.3
	\$	0.0	0.0	0.0	0.0	0.0	123.0	116.1	0.0	0.0	0.0	0.0	0.0	121.2
COLUMBIUM(CB205)	VOLUME	0.0	0.0	0.0	0.0	58.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.6
	\$	0.0	0.0	0.0	0.0	54.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54.8
COPPER	VOLUME	0.0	0.0	0.0	-31.4	6.1	28.9	0.6	-22.7	0.0	-0.7	-100.0	-32.4	9.4
	\$	0.0	0.0	0.0	-37.9	-3.9	17.5	-8.9	-30.0	0.0	-10.1	-100.0	-39.3	-0.9
GOLD	VOLUME	0.0	0.0	0.0	125.7	4.7	19.6	-1.8	39.3	6.7	-5.2	-1.5	47.5	13.6
	\$	0.0	0.0	0.0	102.4	-6.2	6.1	-12.0	25.1	-4.6	-15.0	-11.8	32.2	1.5
IRON ORE	VOLUME	15.1	0.0	0.0	0.0	36.8	19.3	0.0	0.0	0.0	-65.6	0.0	0.0	21.1
	\$	19.6	0.0	0.0	0.0	8.2	28.6	0.0	0.0	0.0	-55.7	0.0	0.0	16.8
IRON, REMELT	VOLUME	0.0	0.0	0.0	0.0	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
	\$	0.0	0.0	0.0	0.0	24.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.2
LEAD	VOLUME	0.0	0.0	0.0	2.0	0.0	36.5	57.4	0.0	0.0	-24.6	300.6	11.1	-3.0
	\$	0.0	0.0	0.0	27.7	0.0	120.3	96.7	0.0	0.0	-5.6	401.3	39.1	22.0
MOLYBDENUM	VOLUME	0.0	0.0	0.0	0.0	806.7	0.0	0.0	0.0	0.0	12.2	0.0	0.0	13.4
	\$	0.0	0.0	0.0	0.0	847.9	0.0	0.0	0.0	0.0	19.7	0.0	0.0	21.0
NICKEL	VOLUME	0.0	0.0	0.0	0.0	0.0	50.0	11.2	0.0	0.0	0.0	0.0	0.0	38.6
	\$	0.0	0.0	0.0	0.0	0.0	61.2	19.0	0.0	0.0	0.0	0.0	0.0	48.7
PLATINUM GROUP	VOLUME	0.0	0.0	0.0	0.0	0.0	66.7	0.0	0.0	0.0	0.0	0.0	0.0	66.7
	\$	0.0	0.0	0.0	0.0	0.0	66.0	0.0	0.0	0.0	0.0	0.0	0.0	66.0
SELENIUM	VOLUME	0.0	0.0	0.0	0.0	30.1	57.1	57.8	10.0	0.0	0.0	0.0	0.0	37.9
	\$	0.0	0.0	0.0	0.0	230.9	230.1	300.7	188.4	0.0	0.0	0.0	0.0	241.8
SILVER	VOLUME	0.0	0.0	0.0	9.6	2.2	24.6	9.1	0.0	0.0	-11.3	260.0	-20.3	9.2
	\$	0.0	0.0	0.0	-16.0	-22.3	-17.5	-17.3	-15.9	-100.0	-32.2	173.2	-39.7	-20.9
TANTALUM(TA205)	VOLUME	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TELLURIUM	VOLUME	0.0	0.0	0.0	0.0	0.0	500.0	-25.0	N/A	0.0	0.0	0.0	0.0	18.8
	\$	0.0	0.0	0.0	0.0	-22.8	325.7	-26.1	-45.8	0.0	0.0	0.0	0.0	-1.0
TIN	VOLUME	0.0	0.0	0.0	0.0	0.0	-100.0	0.0	0.0	0.0	53.7	0.0	0.0	49.3
	\$	0.0	0.0	0.0	0.0	0.0	-100.0	0.0	0.0	0.0	94.5	0.0	0.0	86.7
TUNGSTEN(WO3)	VOLUME	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	176.4	272.6
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A
URANIUM(U)	VOLUME	0.0	0.0	0.0	0.0	0.0	-4.5	0.0	178.2	0.0	0.0	0.0	0.0	50.5
	\$	0.0	0.0	0.0	0.0	0.0	1.7	0.0	194.0	0.0	0.0	0.0	0.0	37.2
ZINC	VOLUME	20.5	0.0	0.0	3.4	8.5	7.0	-0.3	4.8	0.0	0.2	540.7	17.0	8.2
	\$	47.6	0.0	0.0	26.6	32.8	41.0	22.0	28.3	0.0	22.7	687.1	43.3	35.0
TOTAL FOR METALLIC MINERAL	\$	22.3	0.0	0.0	15.4	4.3	24.5	9.4	160.6	-5.0	-8.9	5.7	34.1	17.4

PERCENT CHANGE OF THE MINERAL PRODUCTION OF CANADA, BY PROVINCE

		NFLD	P.E.I.	N.S.	N.B.	QUE.	ONT.	MAN.	SASK.	ALTL.	B.C.	YUKON	N.W.T.	CANADA
		%	%	%	%	%	%	%	%	%	%	%	%	%
NON-METALLIC MINERAL														
ASBESTOS	VOLUME	74.2	0.0	0.0	0.0	-7.2	0.0	0.0	0.0	0.0	12.2	0.0	0.0	-2.4
	\$	51.9	0.0	0.0	0.0	-13.3	0.0	0.0	0.0	0.0	41.0	0.0	0.0	-3.1
BARITE	VOLUME	N/A	0.0	N/A	0.0	0.0	60.0	0.0	0.0	0.0	N/A	0.0	0.0	1180.0
	\$	206.4	0.0	16.8	0.0	0.0	-6.3	0.0	0.0	0.0	78.2	0.0	0.0	43.0
GEMSTONES	VOLUME	0.0	0.0	0.0	0.0	0.0	11.1	0.0	0.0	0.0	N/A	0.0	0.0	240.7
	\$	0.0	0.0	0.0	0.0	0.0	20.3	0.0	0.0	0.0	80.4	0.0	0.0	74.4
GYPSUM	VOLUME	-4.0	0.0	1.5	0.0	0.0	30.4	-8.9	0.0	0.0	-10.4	0.0	0.0	3.6
	\$	21.9	0.0	3.5	0.0	0.0	28.0	-17.2	0.0	0.0	-17.1	0.0	0.0	6.4
MAGNESITIC DOLOMITE	VOLUME	0.0	0.0	0.0	0.0	N/A	0.0	0.0	0.0	0.0	N/A	0.0	0.0	N/A
	\$	0.0	0.0	0.0	0.0	-6.5	0.0	0.0	0.0	0.0	76.5	0.0	0.0	4.1
NEPHELINE SYENITE	VOLUME	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.4
	\$	0.0	0.0	0.0	0.0	0.0	-1.6	0.0	0.0	0.0	0.0	0.0	0.0	-1.6
PEAT	VOLUME	-66.7	0.0	-50.0	0.0	-1.7	0.0	31.5	25.0	4.3	-21.4	0.0	0.0	2.1
	\$	120.0	0.0	-29.1	12.1	-5.7	27.1	35.4	26.8	14.7	-29.7	0.0	0.0	8.4
POTASH(K2O)	VOLUME	0.0	0.0	0.0	N/A	0.0	0.0	0.0	N/A	0.0	0.0	0.0	0.0	19.5
	\$	0.0	0.0	0.0	N/A	0.0	0.0	0.0	N/A	0.0	0.0	0.0	0.0	34.3
QUARTZ	VOLUME	N/A	0.0	0.0	0.0	7.8	1.8	N/A	4.1	0.0	N/A	0.0	0.0	5.0
	\$	48.0	0.0	0.0	0.0	N/A	0.7	31.4	N/A	14.5	-3.2	0.0	0.0	4.8
SALT	VOLUME	0.0	0.0	0.0	0.0	0.0	17.0	0.0	12.3	38.0	0.0	0.0	0.0	19.0
	\$	0.0	0.0	0.0	0.0	0.0	33.4	0.0	15.0	-3.1	0.0	0.0	0.0	21.0
SOAPSTONE, TALC	VOLUME	0.0	0.0	0.0	0.0	N/A	30.3	0.0	0.0	0.0	0.0	0.0	0.0	26.8
	\$	45.0	0.0	0.0	0.0	21.8	40.3	0.0	0.0	0.0	0.0	0.0	0.0	37.0
SODIUM SULPHATE	VOLUME	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	N/A	0.0	0.0	-14.3
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-12.8	2.5	-36.3	0.0	0.0	-11.6
SULPHUR (ELEMENTAL)	VOLUME	0.0	0.0	0.0	0.0	0.0	-57.1	0.0	-33.3	27.3	-0.7	0.0	0.0	26.0
	\$	0.0	0.0	0.0	0.0	0.0	-57.4	0.0	32.1	42.9	35.8	0.0	0.0	42.5
SULPHUR SMELTER GAS	VOLUME	0.0	0.0	0.0	29.5	5.7	33.1	0.0	0.0	0.0	12.7	0.0	0.0	24.3
	\$	0.0	0.0	0.0	122.4	25.0	84.1	0.0	0.0	0.0	-14.8	0.0	0.0	49.3
TOTAL FOR NON-METALLIC MINERAL \$		49.0	0.0	2.4	43.1	-11.8	32.5	24.7	-92.1	40.3	28.0	0.0	0.0	24.1

PERCENT CHANGE OF THE MINERAL PRODUCTION OF CANADA, BY PROVINCE

		NFLD	P.E.I.	N.S.	N.B.	QUE.	ONT.	MAN.	SASK.	ALTL.	B.C.	YUKON	N.W.T.	CANADA
		%	%	%	%	%	%	%	%	%	%	%	%	%
STRUCTURAL MATERIAL														
CEMENT	VOLUME	0.0	0.0	0.0	0.0	25.7	11.9	15.9	N/A	-16.8	23.1	0.0	0.0	5.0
	\$	-23.5	0.0	142.2	62.5	34.6	6.2	6.9	-10.9	-5.4	5.5	0.0	0.0	11.6
CLAY PRODUCTS	VOLUME	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	\$	11.9	0.0	9.0	3.5	1.3	12.4	-36.5	-0.3	-33.2	-1.4	0.0	0.0	3.6
LIME	VOLUME	0.0	0.0	0.0	N/A	-2.2	3.8	N/A	0.0	9.6	-6.7	0.0	0.0	-2.5
	\$	0.0	0.0	0.0	26.3	4.8	9.9	26.4	0.0	32.8	-16.4	0.0	0.0	10.3
SAND AND GRAVEL	VOLUME	-23.0	-76.9	0.5	30.6	-4.9	25.5	18.0	21.7	3.9	-14.3	540.4	22.8	6.9
	\$	-36.7	10.9	-9.3	-18.7	-6.8	25.9	20.4	5.0	-16.9	-23.5	255.0	11.8	-3.3
STONE	VOLUME	100.0	0.0	237.7	-2.5	13.3	21.3	86.5	0.0	-9.8	37.1	0.0	-69.7	20.7
	\$	132.6	0.0	176.6	-8.6	14.9	24.2	118.8	0.0	-1.2	41.0	0.0	-68.4	22.4
TOTAL FOR STRUCTURAL MATERIAL \$		-22.6	10.9	56.4	9.9	16.2	15.2	19.6	-2.7	-10.3	-5.9	255.0	-13.0	8.2

PERCENT CHANGE OF THE MINERAL PRODUCTION OF CANADA, BY PROVINCE

		NFLD	P.E.I.	N.S.	N.B.	QUE.	ONT.	MAN.	SASK.	ALTL.	B.C.	YUKON	N.W.T.	CANADA
		%	%	%	%	%	%	%	%	%	%	%	%	%
FUELS														
COAL	\$ REAL	0.0	0.0	-0.9	-4.9	0.0	0.0	0.0	-6.3	-4.9	3.1	0.0	0.0	-0.1
	\$	0.0	0.0	4.2	0.0	0.0	0.0	0.0	-1.5	0.0	8.3	0.0	0.0	5.0
NATURAL GAS	\$ REAL	0.0	0.0	0.0	957.2	0.0	-9.4	0.0	5.3	-5.6	-5.8	0.0	38.9	-5.4
	\$	0.0	0.0	0.0	1011.1	0.0	-4.8	0.0	10.7	-0.7	-1.0	0.0	46.0	-0.5
NATURAL GAS BY-PROD.	\$ REAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-12.7	-8.0	-26.4	0.0	0.0	-8.3
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-8.2	-3.3	-22.7	0.0	0.0	-3.6
PETROLEUM, CRUDE	\$ REAL	0.0	0.0	0.0	9.8	0.0	31.5	1.1	2.6	0.2	-6.3	0.0	686.6	1.2
	\$	0.0	0.0	0.0	15.4	0.0	38.2	6.3	7.8	5.3	-1.5	0.0	726.7	6.3
TOTAL FOR FUELS	\$ REAL	0.0	0.0	-0.9	-4.3	0.0	-1.2	1.6	2.0	-2.4	-1.7	0.0	374.9	-1.5
	\$	0.0	0.0	4.2	0.6	0.0	3.8	6.8	7.2	2.6	3.3	0.0	399.1	3.5

PERCENT CHANGE OF THE MINERAL PRODUCTION OF CANADA, BY PROVINCE

		NFLD	P.E.I.	N.S.	N.B.	QUE.	ONT.	MAN.	SASK.	ATL.	B.C.	YUKON	N.W.T.	CANADA
		%	%	%	%	%	%	%	%	%	%	%	%	%
METALLIC MINERAL														
ANTIMONY	\$ REAL	0.0	0.0	0.0	95.8	0.0	0.0	0.0	0.0	0.0	99.0	0.0	0.0	97.9
	\$	0.0	0.0	0.0	105.8	0.0	0.0	0.0	0.0	0.0	109.1	0.0	0.0	107.9
BISMUTH	\$ REAL	0.0	0.0	0.0	92.9	0.0	0.0	566.1	0.0	0.0	398.5	375.8	90.3	112.4
	\$	0.0	0.0	0.0	102.7	0.0	0.0	600.0	0.0	0.0	423.9	400.0	100.0	123.2
CADMIUM	\$ REAL	0.0	0.0	0.0	-41.4	-7.3	-3.2	-22.6	-67.5	0.0	50.0	-4.8	-30.2	-8.9
	\$	0.0	0.0	0.0	-38.4	-2.5	1.7	-18.6	-65.9	0.0	57.7	0.0	-26.7	-4.2
COBALT	\$ REAL	0.0	0.0	0.0	0.0	0.0	47.7	-8.0	0.0	0.0	0.0	0.0	0.0	33.6
	\$	0.0	0.0	0.0	0.0	0.0	55.2	-3.3	0.0	0.0	0.0	0.0	0.0	40.4
COLUMBIUM(CB205)	\$ REAL	0.0	0.0	0.0	0.0	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
	\$	0.0	0.0	0.0	0.0	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
COPPER	\$ REAL	N/A	0.0	0.0	-16.0	1.3	-1.9	-0.2	-2.5	0.0	7.3	0.0	N/A	1.9
	\$	N/A	0.0	0.0	-11.7	6.5	3.1	4.9	2.4	0.0	12.7	0.0	N/A	7.0
GOLD	\$ REAL	N/A	0.0	0.0	-71.5	-9.7	1.5	-14.0	-10.6	-54.9	-25.8	-7.7	-10.1	-8.2
	\$	N/A	0.0	0.0	-70.1	-5.1	6.6	-9.6	-6.0	-52.6	-22.0	-3.0	-5.5	-3.5
IRON ORE	\$ REAL	-6.6	0.0	0.0	0.0	N/A	-8.4	0.0	0.0	0.0	-47.7	0.0	0.0	N/A
	\$	-1.9	0.0	0.0	0.0	N/A	-3.7	0.0	0.0	0.0	-45.1	0.0	0.0	N/A
IRON, REMELT	\$ REAL	0.0	0.0	0.0	0.0	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
	\$	0.0	0.0	0.0	0.0	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
LEAD	\$ REAL	N/A	0.0	0.0	-24.0	0.0	-63.3	-37.9	0.0	0.0	-7.1	-45.8	-36.0	-25.5
	\$	N/A	0.0	0.0	-20.1	0.0	-61.4	-34.8	0.0	0.0	-2.4	-43.0	-32.8	-21.7
MOLYBDENUM	\$ REAL	0.0	0.0	0.0	0.0	58.2	0.0	0.0	0.0	0.0	-33.6	0.0	0.0	-32.4
	\$	0.0	0.0	0.0	0.0	66.3	0.0	0.0	0.0	0.0	-30.2	0.0	0.0	-29.0
NICKEL	\$ REAL	0.0	0.0	0.0	0.0	0.0	3.9	-7.8	0.0	0.0	0.0	0.0	0.0	1.1
	\$	0.0	0.0	0.0	0.0	0.0	9.2	-3.1	0.0	0.0	0.0	0.0	0.0	6.3
PLATINUM GROUP	\$ REAL	0.0	0.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	7.5
	\$	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0
SELENIUM	\$ REAL	0.0	0.0	0.0	0.0	-45.1	5.4	-49.3	-40.3	0.0	0.0	0.0	0.0	-39.4
	\$	0.0	0.0	0.0	0.0	-42.3	10.8	-46.7	-37.2	0.0	0.0	0.0	0.0	-36.3
SILVER	\$ REAL	N/A	0.0	0.0	-34.3	-19.4	-20.4	-25.2	-31.3	0.0	-23.1	-35.9	-55.1	-26.5
	\$	N/A	0.0	0.0	-30.9	-15.3	-16.4	-21.4	-27.8	0.0	-19.2	-32.7	-52.8	-22.7
TANTALUM(TA205)	\$ REAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TELLURIUM	\$ REAL	0.0	0.0	0.0	0.0	10.8	-22.7	8.1	31.7	0.0	0.0	0.0	0.0	1.1
	\$	0.0	0.0	0.0	0.0	16.5	-18.8	13.6	38.5	0.0	0.0	0.0	0.0	6.3
TIN	\$ REAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-54.6	0.0	0.0	-54.6
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-52.3	0.0	0.0	-52.3
TUNGSTEN(WO3)	\$ REAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
URANIUM(U)	\$ REAL	0.0	0.0	0.0	0.0	0.0	-9.3	0.0	16.9	0.0	0.0	0.0	0.0	1.1
	\$	0.0	0.0	0.0	0.0	0.0	-4.6	0.0	22.8	0.0	0.0	0.0	0.0	6.2
ZINC	\$ REAL	-40.3	0.0	0.0	-14.9	-5.3	-17.8	11.2	-42.3	0.0	-4.1	-84.0	-15.9	-14.4
	\$	-37.2	0.0	0.0	-10.6	-0.5	-13.6	16.9	-39.4	0.0	0.8	-83.2	-11.6	-10.0
TOTAL FOR METALLIC MINERAL	\$ REAL	-9.7	0.0	0.0	-19.7	0.4	-3.6	-4.0	14.5	-54.9	-6.2	-17.0	-17.5	-5.3
	\$	-5.1	0.0	0.0	-15.6	5.6	1.3	0.9	20.4	-52.6	-1.4	-12.8	-13.3	-0.5

PERCENT CHANGE OF THE MINERAL PRODUCTION OF CANADA, BY PROVINCE

		NFLD	P.E.I.	N.S.	N.B.	QUE.	ONT.	MAN.	SASK.	ATL.	B.C.	YUKON	N.W.T.	CANADA
		%	%	%	%	%	%	%	%	%	%	%	%	%
NON-METALLIC MINERAL														
ASBESTOS	\$ REAL	-23.2	0.0	0.0	0.0	-17.7	0.0	0.0	0.0	0.0	14.7	0.0	0.0	-11.4
	\$	-19.3	0.0	0.0	0.0	-13.5	0.0	0.0	0.0	0.0	20.6	0.0	0.0	-7.1
BARITE	\$ REAL	-70.0	0.0	4.9	0.0	0.0	-4.8	0.0	0.0	0.0	-5.5	0.0	0.0	-13.6
	\$	-68.5	0.0	10.3	0.0	0.0	0.0	0.0	0.0	0.0	-0.7	0.0	0.0	-9.2
GEMSTONES	\$ REAL	0.0	0.0	0.0	0.0	0.0	35.9	0.0	0.0	0.0	-4.8	0.0	0.0	-2.0
	\$	0.0	0.0	0.0	0.0	0.0	42.9	0.0	0.0	0.0	0.0	0.0	0.0	3.0
GYPSUM	\$ REAL	11.6	0.0	29.5	0.0	0.0	18.4	34.1	0.0	0.0	1.3	0.0	0.0	24.1
	\$	17.3	0.0	36.1	0.0	0.0	24.4	41.0	0.0	0.0	6.5	0.0	0.0	30.5
MAGNESITIC DOLOMITE	\$ REAL	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	95.2	0.0	0.0	22.6
	\$	0.0	0.0	0.0	0.0	7.7	0.0	0.0	0.0	0.0	105.1	0.0	0.0	28.8
NEPHELINE SYENITE	\$ REAL	0.0	0.0	0.0	0.0	0.0	-3.3	0.0	0.0	0.0	0.0	0.0	0.0	-3.3
	\$	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	1.6
PEAT	\$ REAL	6.0	-41.2	-38.5	14.1	2.4	0.0	20.9	24.7	28.0	-90.7	0.0	0.0	7.6
	\$	11.4	-38.2	-35.4	19.9	7.7	5.1	27.0	31.1	34.5	-90.3	0.0	0.0	13.1
POTASH(K2O)	\$ REAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-29.6
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-26.0
QUARTZ	\$ REAL	-17.5	0.0	0.0	0.0	0.0	-15.4	-7.3	0.0	41.4	10.7	0.0	0.0	0.7
	\$	-13.3	0.0	0.0	0.0	0.0	-11.1	-2.6	0.0	48.6	16.4	0.0	0.0	5.8
SALT	\$ REAL	0.0	0.0	0.0	0.0	0.0	-1.3	0.0	25.3	0.0	0.0	0.0	0.0	2.3
	\$	0.0	0.0	0.0	0.0	0.0	3.7	0.0	31.7	5.1	0.0	0.0	0.0	7.5
SOAPSTONE, TALC	\$ REAL	-14.0	0.0	0.0	0.0	19.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	3.8
	\$	-9.6	0.0	0.0	0.0	25.9	7.9	0.0	0.0	0.0	0.0	0.0	0.0	9.0
SODIUM SULPHATE	\$ REAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-15.1	-17.0	-100.0	0.0	0.0	-15.7
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-10.8	-12.8	-100.0	0.0	0.0	-11.4
SULPHUR (ELEMENTAL)	\$ REAL	0.0	0.0	0.0	0.0	0.0	-63.0	0.0	308.9	37.0	63.2	0.0	0.0	37.7
	\$	0.0	0.0	0.0	0.0	0.0	-61.1	0.0	329.7	43.9	71.6	0.0	0.0	44.7
SULPHUR SMELTER GAS	\$ REAL	0.0	0.0	0.0	30.1	25.7	-3.3	0.0	0.0	0.0	-79.5	0.0	0.0	-0.8
	\$	0.0	0.0	0.0	36.7	32.1	1.6	0.0	0.0	0.0	-78.5	0.0	0.0	4.3
TOTAL FOR NON-METALLIC MINERAL		\$ REAL	-19.4	-41.2	26.2	21.1	-14.6	-1.3	17.0	1.6	35.6	11.9	0.0	-2.2
		\$	-15.3	-38.2	32.6	27.2	-10.3	3.8	22.9	6.8	42.5	17.6	0.0	2.8

PERCENT CHANGE OF THE MINERAL PRODUCTION OF CANADA, BY PROVINCE

		NFLD	P.E.I.	N.S.	N.B.	QUE.	ONT.	MAN.	SASK.	ALTL.	B.C.	YUKON	N.W.T.	CANADA
		%	%	%	%	%	%	%	%	%	%	%	%	%
STRUCTURAL MATERIAL														
CEMENT	\$ REAL	4.9	0.0	-13.3	-1.1	8.8	23.4	-7.8	-15.4	-5.9	5.1	0.0	0.0	8.1
	\$	10.3	0.0	-8.9	3.9	14.3	29.7	-3.1	-11.0	-1.1	10.4	0.0	0.0	13.6
CLAY PRODUCTS	\$ REAL	-29.2	0.0	14.7	24.2	-0.1	6.0	-5.1	8.2	-11.9	-50.0	0.0	0.0	1.3
	\$	-25.6	0.0	20.5	30.5	5.0	11.4	-0.3	13.7	-7.4	-47.4	0.0	0.0	6.5
LIME	\$ REAL	0.0	0.0	0.0	-1.4	-28.0	-4.2	-12.1	0.0	-28.3	5.9	0.0	0.0	-9.8
	\$	0.0	0.0	0.0	3.6	-24.3	0.7	-7.6	0.0	-24.7	11.3	0.0	0.0	-5.2
SAND AND GRAVEL	\$ REAL	-7.2	83.2	-3.1	4.8	-13.9	5.2	-1.3	13.7	-1.2	-15.0	-77.2	-12.6	-4.0
	\$	-2.5	92.5	1.8	10.2	-9.5	10.6	3.7	19.5	3.8	-10.6	-76.0	-8.2	0.9
STONE	\$ REAL	-4.6	0.0	-6.1	2.3	-2.6	-6.7	-31.1	0.0	-35.3	-9.7	0.0	-83.6	-7.1
	\$	0.2	0.0	-1.3	7.5	2.4	-2.0	-27.6	0.0	-32.0	-5.1	0.0	-82.8	-2.4
TOTAL FOR STRUCTURAL MATERIAL	\$ REAL	-4.4	83.2	-5.8	2.9	-1.1	6.7	-8.8	1.0	-5.7	-7.8	-77.2	-20.6	-0.5
	\$	0.5	92.5	-1.0	8.2	4.0	12.2	-4.2	6.1	-0.9	-3.1	-76.0	-16.6	4.6

1984 VS 1983

PERCENT CHANGE OF THE MINERAL PRODUCTION OF CANADA, BY PROVINCE

		NFLD	P.E.I.	N.S.	N.B.	QUE.	ONT.	MAN.	SASK.	ALTL.	B.C.	YUKON	N.W.T.	CANADA
		%	%	%	%	%	%	%	%	%	%	%	%	%
FUELS														
COAL	\$ REAL	0.0	0.0	8.5	-2.2	0.0	0.0	0.0	47.9	-5.2	72.6	0.0	0.0	34.0
	\$	0.0	0.0	11.4	0.5	0.0	0.0	0.0	51.8	-2.6	77.2	0.0	0.0	37.6
NATURAL GAS	\$ REAL	0.0	0.0	0.0	-37.4	0.0	46.3	0.0	66.8	8.6	11.4	0.0	-2.3	9.4
	\$	0.0	0.0	0.0	-35.7	0.0	50.3	0.0	71.3	11.5	14.4	0.0	0.3	12.3
NATURAL GAS BY-PROD.	\$ REAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	3.3	8.4	0.0	0.0	3.5
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	6.1	11.3	0.0	0.0	6.3
PETROLEUM, CRUDE	\$ REAL	0.0	0.0	0.0	-2.6	0.0	4.4	8.1	19.0	6.4	5.3	0.0	3.7	7.8
	\$	0.0	0.0	0.0	0.0	0.0	7.2	11.0	22.2	9.3	8.1	0.0	6.5	10.7
TOTAL FOR FUELS	\$ REAL	0.0	0.0	8.5	-2.2	0.0	35.4	8.1	21.5	6.4	34.6	0.0	0.7	9.1
	\$	0.0	0.0	11.4	0.4	0.0	39.1	11.0	24.8	9.3	38.2	0.0	3.4	12.0

PERCENT CHANGE OF THE MINERAL PRODUCTION OF CANADA, BY PROVINCE

		NFLD	P.E.I.	N.S.	N.B.	QUE.	ONT.	MAN.	SASK.	ALTL.	B.C.	YUKON	N.W.T.	CANADA
		%	%	%	%	%	%	%	%	%	%	%	%	%
METALLIC MINERAL														
ANTIMONY	\$ REAL	0.0	0.0	0.0	88.3	0.0	0.0	0.0	0.0	0.0	37.6	0.0	0.0	52.4
	\$	0.0	0.0	0.0	93.4	0.0	0.0	0.0	0.0	0.0	41.3	0.0	0.0	56.5
BISMUTH	\$ REAL	0.0	0.0	0.0	106.5	0.0	0.0	0.0	0.0	0.0	-48.8	0.0	-79.7	54.7
	\$	0.0	0.0	0.0	112.0	0.0	0.0	0.0	0.0	0.0	-47.4	0.0	-79.1	58.9
CADMIUM	\$ REAL	-100.0	0.0	0.0	148.9	61.3	85.3	125.5	110.1	0.0	27.3	46.1	N/A	117.0
	\$	-100.0	0.0	0.0	155.6	65.6	90.2	131.5	115.8	0.0	30.7	50.0	N/A	122.8
COBALT	\$ REAL	0.0	0.0	0.0	0.0	0.0	117.2	110.5	0.0	0.0	0.0	0.0	0.0	115.5
	\$	0.0	0.0	0.0	0.0	0.0	123.0	116.1	0.0	0.0	0.0	0.0	0.0	121.2
COLUMBIUM(CB205)	\$ REAL	0.0	0.0	0.0	0.0	50.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.7
	\$	0.0	0.0	0.0	0.0	54.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54.8
COPPER	\$ REAL	0.0	0.0	0.0	-39.5	-6.4	14.4	-11.3	-31.8	0.0	-12.5	-100.0	-40.8	-3.5
	\$	0.0	0.0	0.0	-37.9	-3.9	17.5	-8.9	-30.0	0.0	-10.1	-100.0	-39.3	-0.9
GOLD	\$ REAL	0.0	0.0	0.0	97.1	-8.6	3.4	-14.3	21.8	-7.1	-17.2	-14.1	28.7	-1.1
	\$	0.0	0.0	0.0	102.4	-6.2	6.1	-12.0	25.1	-4.6	-15.0	-11.8	32.2	1.5
IRON ORE	\$ REAL	16.5	0.0	0.0	0.0	5.4	25.2	0.0	0.0	0.0	-56.8	0.0	0.0	13.8
	\$	19.6	0.0	0.0	0.0	8.2	28.6	0.0	0.0	0.0	-55.7	0.0	0.0	16.8
IRON, REMELT	\$ REAL	0.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0
	\$	0.0	0.0	0.0	0.0	24.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.2
LEAD	\$ REAL	0.0	0.0	0.0	24.3	0.0	114.5	91.6	0.0	0.0	-8.1	388.2	35.5	18.8
	\$	0.0	0.0	0.0	27.7	0.0	120.3	96.7	0.0	0.0	-5.6	401.3	39.1	22.0
MOLYBDENUM	\$ REAL	0.0	0.0	0.0	0.0	823.2	0.0	0.0	0.0	0.0	16.5	0.0	0.0	17.9
	\$	0.0	0.0	0.0	0.0	847.9	0.0	0.0	0.0	0.0	19.7	0.0	0.0	21.0
NICKEL	\$ REAL	0.0	0.0	0.0	0.0	0.0	57.0	15.9	0.0	0.0	0.0	0.0	0.0	44.8
	\$	0.0	0.0	0.0	0.0	0.0	61.2	19.0	0.0	0.0	0.0	0.0	0.0	48.7
PLATINUM GROUP	\$ REAL	0.0	0.0	0.0	0.0	0.0	61.7	0.0	0.0	0.0	0.0	0.0	0.0	61.7
	\$	0.0	0.0	0.0	0.0	0.0	66.0	0.0	0.0	0.0	0.0	0.0	0.0	66.0
SELENIUM	\$ REAL	0.0	0.0	0.0	0.0	222.3	221.5	290.2	180.9	0.0	0.0	0.0	0.0	232.8
	\$	0.0	0.0	0.0	0.0	230.9	230.1	300.7	188.4	0.0	0.0	0.0	0.0	241.8
SILVER	\$ REAL	0.0	0.0	0.0	-18.2	-24.3	-19.7	-19.5	-18.1	-100.0	-33.9	166.0	-41.2	-22.9
	\$	0.0	0.0	0.0	-16.0	-22.3	-17.5	-17.3	-15.9	-100.0	-32.2	173.2	-39.7	-20.9
TANTALUM(TA205)	\$ REAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TELLURIUM	\$ REAL	0.0	0.0	0.0	0.0	-24.8	314.6	-28.0	-47.2	0.0	0.0	0.0	0.0	-3.6
	\$	0.0	0.0	0.0	0.0	-22.8	325.7	-26.1	-45.8	0.0	0.0	0.0	0.0	-1.0
TIN	\$ REAL	0.0	0.0	0.0	0.0	0.0	-100.0	0.0	0.0	0.0	89.4	0.0	0.0	81.8
	\$	0.0	0.0	0.0	0.0	0.0	-100.0	0.0	0.0	0.0	94.5	0.0	0.0	86.7
TUNGSTEN(WO3)	\$ REAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
URANIUM(U)	\$ REAL	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	186.3	0.0	0.0	0.0	0.0	33.6
	\$	0.0	0.0	0.0	0.0	0.0	1.7	0.0	194.0	0.0	0.0	0.0	0.0	37.2
ZINC	\$ REAL	43.7	0.0	0.0	23.3	29.4	37.3	18.8	24.9	0.0	19.5	666.5	39.5	31.5
	\$	47.6	0.0	0.0	26.6	32.8	41.0	22.0	28.3	0.0	22.7	687.1	43.3	35.0
TOTAL FOR METALLIC MINERAL	\$ REAL	19.1	0.0	0.0	12.3	1.6	21.3	6.5	153.7	-7.5	-11.3	2.9	30.6	14.3
	\$	22.3	0.0	0.0	15.4	4.3	24.5	9.4	160.6	-5.0	-8.9	5.7	34.1	17.4

PERCENT CHANGE OF THE MINERAL PRODUCTION OF CANADA, BY PROVINCE

		NFLD	P.E.I.	N.S.	N.B.	QUE.	ONT.	MAN.	SASK.	ATL.	B.C.	YUKON	N.W.T.	CANADA
		%	%	%	%	%	%	%	%	%	%	%	%	%
NON-METALLIC MINERAL														
ASBESTOS	\$ REAL	47.9	0.0	0.0	0.0	-15.5	0.0	0.0	0.0	0.0	37.3	0.0	0.0	-5.6
	\$	51.9	0.0	0.0	0.0	-13.3	0.0	0.0	0.0	0.0	41.0	0.0	0.0	-3.1
BARITE	\$ REAL	198.4	0.0	13.7	0.0	0.0	-8.7	0.0	0.0	0.0	73.5	0.0	0.0	39.2
	\$	206.4	0.0	16.8	0.0	0.0	-6.3	0.0	0.0	0.0	78.2	0.0	0.0	43.0
GEMSTONES	\$ REAL	0.0	0.0	0.0	0.0	0.0	17.2	0.0	0.0	0.0	75.7	0.0	0.0	69.9
	\$	0.0	0.0	0.0	0.0	0.0	20.3	0.0	0.0	0.0	80.4	0.0	0.0	74.4
GYPSUM	\$ REAL	18.7	0.0	0.8	0.0	0.0	24.6	-19.3	0.0	0.0	-19.3	0.0	0.0	3.6
	\$	21.9	0.0	3.5	0.0	0.0	28.0	-17.2	0.0	0.0	-17.1	0.0	0.0	6.4
MAGNESITIC DOLOMITE	\$ REAL	0.0	0.0	0.0	0.0	-8.9	0.0	0.0	0.0	0.0	71.9	0.0	0.0	1.4
	\$	0.0	0.0	0.0	0.0	-6.5	0.0	0.0	0.0	0.0	76.5	0.0	0.0	4.1
NEPHELINE SYENITE	\$ REAL	0.0	0.0	0.0	0.0	0.0	-4.2	0.0	0.0	0.0	0.0	0.0	0.0	-4.2
	\$	0.0	0.0	0.0	0.0	0.0	-1.6	0.0	0.0	0.0	0.0	0.0	0.0	-1.6
PEAT	\$ REAL	114.2	0.0	-30.9	9.1	-8.2	23.8	31.8	23.5	11.7	-31.5	0.0	0.0	5.5
	\$	120.0	0.0	-29.1	12.1	-5.7	27.1	35.4	26.8	14.7	-29.7	0.0	0.0	8.4
POTASH(K2O)	\$ REAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-100.0	0.0	0.0	0.0	0.0	30.8
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-100.0	0.0	0.0	0.0	0.0	34.3
QUARTZ	\$ REAL	44.1	0.0	0.0	0.0	0.0	-2.0	28.0	0.0	11.5	-5.7	0.0	0.0	2.0
	\$	48.0	0.0	0.0	0.0	0.0	0.7	31.4	0.0	14.5	-3.2	0.0	0.0	4.8
SALT	\$ REAL	0.0	0.0	0.0	0.0	0.0	29.9	0.0	12.0	-5.6	0.0	0.0	0.0	17.9
	\$	0.0	0.0	0.0	0.0	0.0	33.4	0.0	15.0	-3.1	0.0	0.0	0.0	21.0
SOAPSTONE, TALC	\$ REAL	41.2	0.0	0.0	0.0	18.6	36.7	0.0	0.0	0.0	0.0	0.0	0.0	33.4
	\$	45.0	0.0	0.0	0.0	21.8	40.3	0.0	0.0	0.0	0.0	0.0	0.0	37.0
SODIUM SULPHATE	\$ REAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-15.1	-0.2	-38.0	0.0	0.0	-13.9
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-12.8	2.5	-36.3	0.0	0.0	-11.6
SULPHUR (ELEMENTAL)	\$ REAL	0.0	0.0	0.0	0.0	0.0	-58.5	0.0	28.7	39.1	32.2	0.0	0.0	38.8
	\$	0.0	0.0	0.0	0.0	0.0	-57.4	0.0	32.1	42.9	35.8	0.0	0.0	42.5
SULPHUR SMELTER GAS	\$ REAL	0.0	0.0	0.0	116.6	21.7	79.3	0.0	0.0	0.0	-17.1	0.0	0.0	45.4
	\$	0.0	0.0	0.0	122.4	25.0	84.1	0.0	0.0	0.0	-14.8	0.0	0.0	49.3
TOTAL FOR NON-METALLIC MINERAL	\$ REAL	45.1	0.0	-0.3	39.3	-14.1	29.0	21.4	-92.3	36.6	24.7	0.0	0.0	20.8
	\$	49.0	0.0	2.4	43.1	-11.8	32.5	24.7	-92.1	40.3	28.0	0.0	0.0	24.1

PERCENT CHANGE OF THE MINERAL PRODUCTION OF CANADA, BY PROVINCE

		NFLD	P.E.I.	N.S.	N.B.	QUE.	ONT.	MAN.	SASK.	ALTL.	B.C.	YUKON	N.W.T.	CANADA
		%	%	%	%	%	%	%	%	%	%	%	%	%
STRUCTURAL MATERIAL														
CEMENT	\$ REAL	-25.5	0.0	135.8	58.2	31.0	3.4	4.1	-13.2	-7.8	2.8	0.0	0.0	8.7
	\$	-23.5	0.0	142.2	62.5	34.6	6.2	6.9	-10.9	-5.4	5.5	0.0	0.0	11.6
CLAY PRODUCTS	\$ REAL	9.0	0.0	6.1	0.8	-1.3	9.4	-38.2	-2.9	-35.0	-4.0	0.0	0.0	0.9
	\$	11.9	0.0	9.0	3.5	1.3	12.4	-36.5	-0.3	-33.2	-1.4	0.0	0.0	3.6
LIME	\$ REAL	0.0	0.0	0.0	23.0	2.1	7.0	23.1	0.0	29.3	-18.6	0.0	0.0	7.5
	\$	0.0	0.0	0.0	26.3	4.8	9.9	26.4	0.0	32.8	-16.4	0.0	0.0	10.3
SAND AND GRAVEL	\$ REAL	-38.4	8.0	-11.7	-20.8	-9.2	22.6	17.3	2.3	-19.1	-25.5	245.7	8.9	-5.8
	\$	-36.7	10.9	-9.3	-18.7	-6.8	25.9	20.4	5.0	-16.9	-23.5	255.0	11.8	-3.3
STONE	\$ REAL	126.5	0.0	169.3	-11.0	11.9	21.0	113.0	0.0	-3.8	37.3	0.0	-69.2	19.2
	\$	132.6	0.0	176.6	-8.6	14.9	24.2	118.8	0.0	-1.2	41.0	0.0	-68.4	22.4
TOTAL FOR STRUCTURAL MATERIAL	\$ REAL	-24.6	8.0	52.3	7.0	13.1	12.2	16.5	-5.3	-12.7	-8.4	245.7	-15.3	5.4
	\$	-22.6	10.9	56.4	9.9	16.2	15.2	19.6	-2.7	-10.3	-5.9	255.0	-13.0	8.2

NOTE ABOUT GRAPHS

THE GRAPHS BEGINNING NEXT IN THIS REPORT ARE INTENDED TO PROVIDE A QUICK VISUAL INDICATION OF THE TREND OF MINERAL PRODUCTION IN ONTARIO. BECAUSE OF THE COARSE RESOLUTION WHEN PLOTTING ON A 132X132 GRID THE XY POSITION OF A SYMBOL ON THE GRAPH DOES NOT NECESSARILY CORRESPOND EXACTLY WITH THE TABLES OF HISTORICAL STATISTICS. THE TABLES SHOULD BE CONSULTED FOR ACCURATE VOLUME AND VALUE STATISTICS.

SINCE THE HISTORICAL SERIES SPAN MANY YEARS THE PLOTTING PROGRAMS MUST COMPRESS THE HORIZONTAL SCALE AND IN SO DOING LABEL IT WITH YEARS WHICH MAY NOT EXIST IN THE TABLE OF STATISTICS. EVEN SO THE TRENDS ARE ACCURATELY PLOTTED WITHIN ACCEPTABLE TOLERANCES FOR TREND LINE ANALYSIS.

SIX SERIES OF DATA HAVE BEEN UPDATED AND ARE CONTINUED IN THE 1985 SCORE.

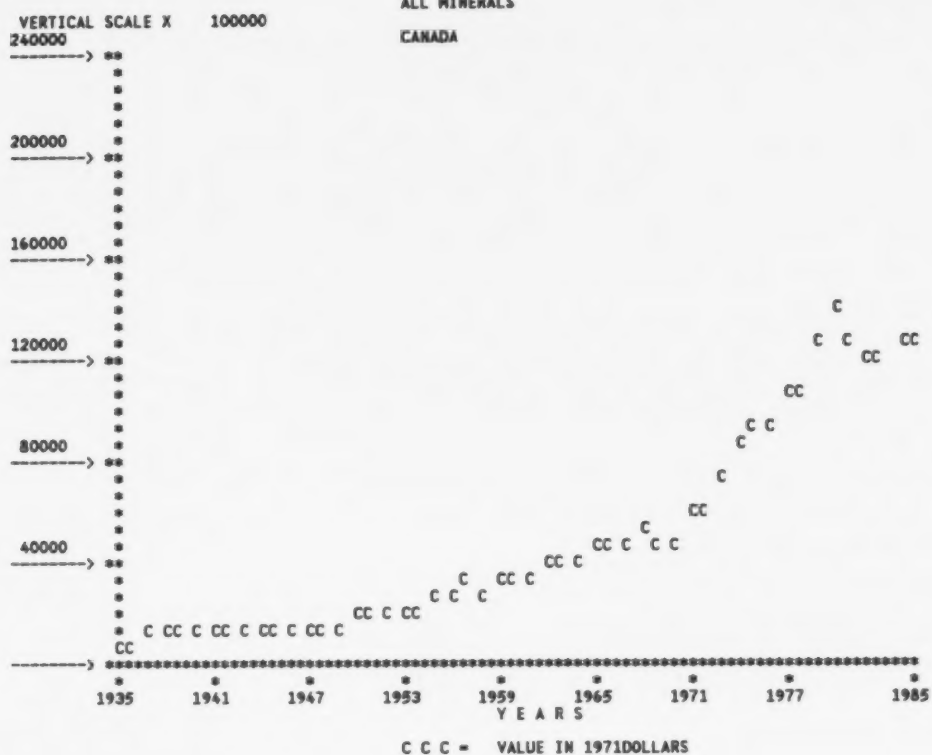
ONTARIO PRODUCTION:

- TOTAL VALUE OF PRODUCTION OF FUELS
- TOTAL VALUE OF PRODUCTION OF METALS
- TOTAL VALUE OF PRODUCTION OF NON-METALS
- TOTAL VALUE OF PRODUCTION OF STRUCTURAL MATERIAL
- TOTAL VALUE OF PRODUCTION OF ALL MINERALS

CANADA PRODUCTION:

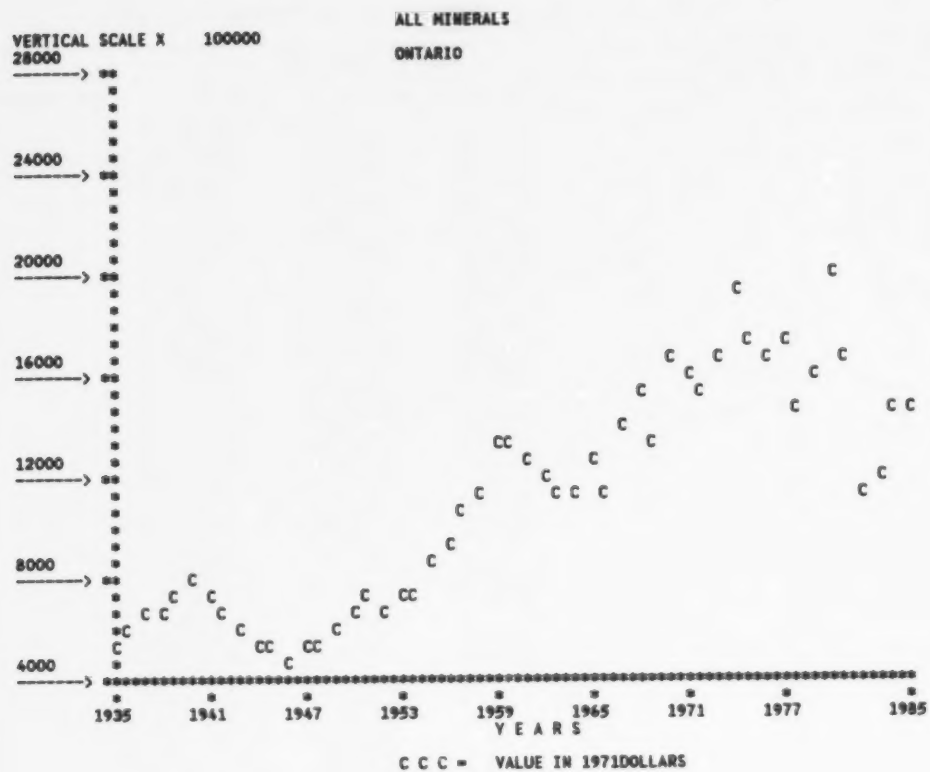
- TOTAL VALUE OF PRODUCTION OF ALL MINERALS

ALL MINERALS
CANADA



VOLUME AND VALUE OF PRODUCTION OF ALL MINERALS
IN CANADA

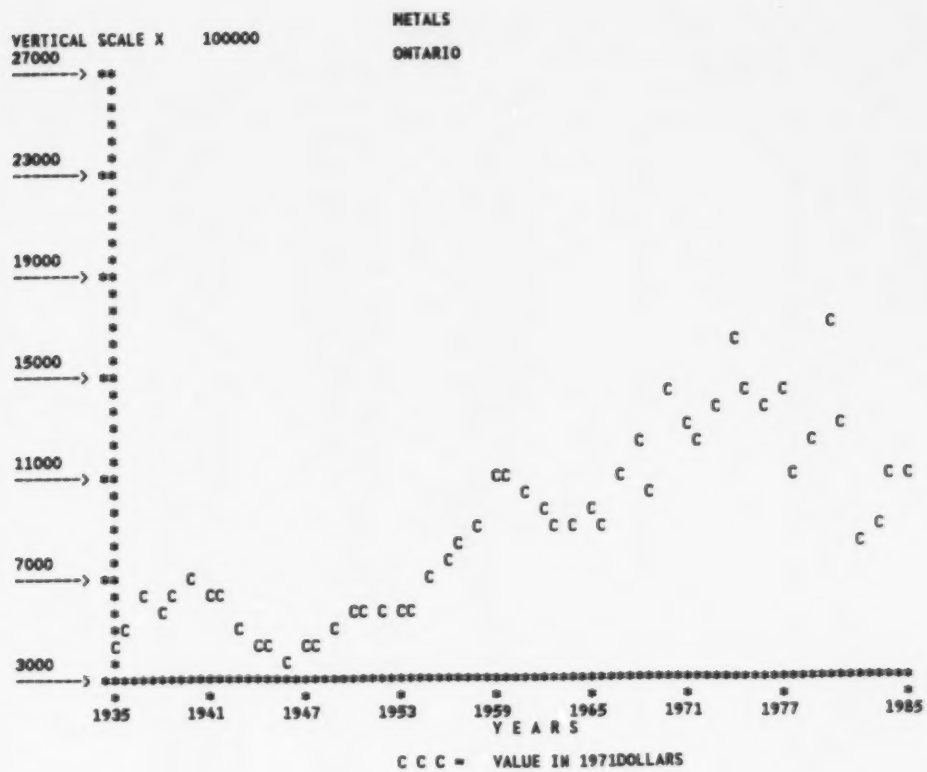
YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	N/A	N/A	DOLLARS	1971 DOLLARS	1985 DOLLARS	1985 DOLLARS/N/A
1901	0	0	63401636	176115656	552122584	.00
1902	0	0	60540700	168168612	527208600	.00
1903	0	0	59787403	166076120	520648636	.00
1904	0	0	58089427	161359520	505862096	.00
1905	0	0	66917264	185881290	582737840	.00
1906	0	0	76814297	213373048	668924504	.00
1907	0	0	83992495	233312488	731434648	.00
1908	0	0	82563629	229343414	718991608	.00
1909	0	0	89185137	247736492	776653904	.00
1910	0	0	104174377	289373272	907185200	.00
1911	0	0	101533984	282038844	884191784	.00
1912	0	0	132729703	368693620	1159554496	.00
1913	0	0	142459059	395719612	1240580992	.00
1914	0	0	126093527	350259800	1098064464	.00
1915	0	0	133958796	372107768	1166557856	.00
1916	0	0	173652482	482368008	1512223712	.00
1917	0	0	184762407	513228912	1608972640	.00
1918	0	0	203683098	565786384	1773740320	.00
1919	0	0	175183425	486620632	1525555680	.00
1920	0	0	225142141	625394840	1960612832	.00
1921	0	0	169212987	470036080	1473563104	.00
1922	0	0	183182569	508840476	1595214880	.00
1923	0	0	212116681	589213008	1847182784	.00
1924	0	0	207486208	576350584	1806859072	.00
1925	0	0	225058230	625161752	1959882096	.00
1926	0	0	238656556	653853584	2049830976	.00
1927	0	0	245658283	680493864	213348256	.00
1928	0	0	273056412	760602816	2384489824	.00
1929	0	0	308605460	847817192	2657906880	.00
1930	0	0	277863445	784924984	2460739808	.00
1931	0	0	228475126	686111480	2150959488	.00
1932	0	0	189720656	630301184	1975994224	.00
1933	0	0	220215177	743970200	2332346592	.00
1934	0	0	275424375	918081256	2878184736	.00
1935	0	0	309246268	1027396248	3220887232	.00
1936	0	0	358275890	1152012528	3611559264	.00
1937	0	0	452709065	1414715824	4435134080	.00
1938	0	0	436775200	1369201248	4292445920	.00
1939	0	0	468169576	1476875632	4630005120	.00
1940	0	0	523726872	1582256416	4960373888	.00
1941	0	0	552331438	1547146896	4850305600	.00
1942	0	0	552378421	1480907296	4642644352	.00
1943	0	0	516623389	1338402576	4195892032	.00
1944	0	0	479305853	1201267808	3765974560	.00
1945	0	0	477097224	1169355936	3665930880	.00
1946	0	0	495459420	1179665296	3698250688	.00
1947	0	0	638421870	1396984400	4379546112	.00
1948	0	0	812573509	1583963968	4965727040	.00
1949	0	0	890915738	1662156224	5210859776	.00
1950	0	0	1034622267	1887996816	5918870080	.00
1951	0	0	1234161537	2019904320	6332400064	.00
1952	0	0	1274548700	2000861392	6272700416	.00
1953	0	0	1325028853	2083378704	6531392192	.00
1954	0	0	1448323241	2241986432	7028627520	.00
1955	0	0	1757043056	2703143168	8474353856	.00
1956	0	0	2060947650	3057785856	9586158720	.00
1957	0	0	2174925041	3161228256	9910450688	.00
1958	0	0	2092364735	2997657216	9397655296	.00
1959	0	0	2400619601	3371656768	10570144000	.00
1960	0	0	2475964276	3434069728	10765808640	.00
1961	0	0	2601963839	3588915616	11251250560	.00
1962	0	0	2839268752	3862950720	12110350464	.00
1963	0	0	3026167760	4045678816	12683203200	.00
1964	0	0	3363621440	4385425664	13748309376	.00
1965	0	0	3713412186	4694579264	14717505920	.00
1966	0	0	3979638366	4812138304	15084053632	.00
1967	0	0	4377692128	5096265600	15976792704	.00
1968	0	0	4720161533	5321489920	16682870784	.00
1969	0	0	4733221886	5105956736	16007174528	.00
1970	0	0	4731179550	4887582144	15322570112	.00
1971	0	0	5962464784	5962464768	18692326912	.00
1972	0	0	6407793173	6108477760	19150077952	.00
1973	0	0	8365937888	7357904960	23067032064	.00
1974	0	0	11711004298	9050235264	28372487168	.00
1975	0	0	13524124975	9231484672	28940704512	.00
1976	0	0	15689676644	9781593984	30665297408	.00
1977	0	0	18472943179	10758848512	33728990464	.00
1978	0	0	20205143515	11059191808	34670564400	.00
1979	0	0	26081891002	12995461376	40740771328	.00
1980	0	0	31785028425	14272576768	44744527360	.00
1981	0	0	R 32420159000	13162874137	41247021632	.00
1982	0	0	R 33831494000	12338254559	38644564571	.00
1983	0	0	R 38539005000	13266438898	41573899676	.00
1984	0	0	R 43692646000	14647216225	45895636555	.00
1985	0	0	44882196000	14316489952	44882196000	.00
TOTAL	0	0		275641190171	844060906410	
	R -- REVISED					



VOLUME AND VALUE OF PRODUCTION OF ALL MINERALS
IN ONTARIO

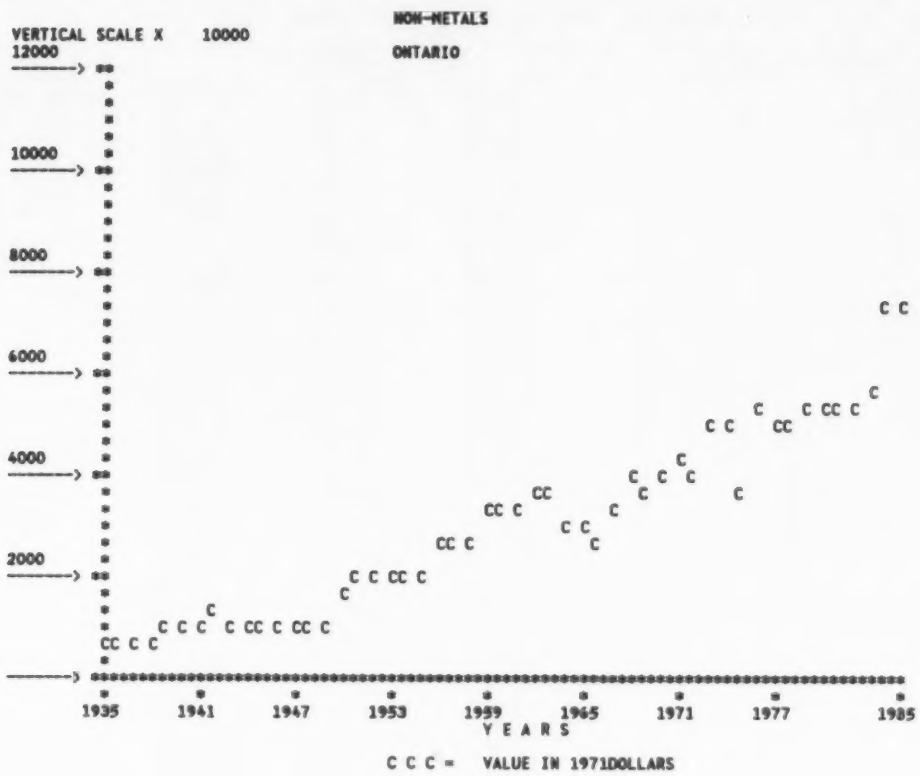
YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	N/A	N/A	DOLLARS	1971 DOLLARS	1985 DOLLARS	
1901	0	0	7006496	19462489	61014903	.00
1902	0	0	8058366	22384350	70174938	.00
1903	0	0	8586548	23851522	74774523	.00
1904	0	0	6595405	18320569	57434985	.00
1905	0	0	10685553	29682091	93053358	.00
1906	0	0	14461983	40172175	125939769	.00
1907	0	0	16503074	45841872	143714270	.00
1908	0	0	20899732	58054811	182001834	.00
1909	0	0	26903660	74732389	234286040	.00
1910	0	0	32187425	89409514	280298828	.00
1911	0	0	34014673	94485203	296211112	.00
1912	0	0	39845957	110683214	346991876	.00
1913	0	0	44251770	122921584	385359164	.00
1914	0	0	38912473	108090203	338862788	.00
1915	0	0	52255995	145155542	455062624	.00
1916	0	0	63394565	176096014	552061008	.00
1917	0	0	69356291	192656364	603977704	.00
1918	0	0	77884925	216347014	678247888	.00
1919	0	0	56688702	15746618	493664116	.00
1920	0	0	70779524	196609790	616371688	.00
1921	0	0	52938687	147051910	461007736	.00
1922	0	0	66217438	183937328	576443528	.00
1923	0	0	69152899	192091388	602206496	.00
1924	0	0	75236750	208990974	655186704	.00
1925	0	0	87190756	242196546	759286168	.00
1926	0	0	84104882	230424336	722380288	.00
1927	0	0	88423585	244940678	767889032	.00
1928	0	0	98212021	273571088	857645352	.00
1929	0	0	115892814	318386848	998142768	.00
1930	0	0	111492194	314949700	987367304	.00
1931	0	0	96960622	291173036	912827464	.00
1932	0	0	85191139	283027040	887289776	.00
1933	0	0	109069116	368476744	1155174608	.00
1934	0	0	145124243	483747480	1516548352	.00
1935	0	0	158891417	527878468	1654899008	.00
1936	0	0	183939548	591445496	1854181632	.00
1937	0	0	228191236	713097616	2235561024	.00
1938	0	0	211388132	662658720	2077435088	.00
1939	0	0	232441390	733253592	2298750016	.00
1940	0	0	260759211	787792184	2469728512	.00
1941	0	0	266693096	747039488	2341968832	.00
1942	0	0	258192167	692204200	2170060160	.00
1943	0	0	231354609	599364280	1879007008	.00
1944	0	0	211684133	530536676	1663232480	.00
1945	0	0	215547823	528303492	1656231440	.00
1946	0	0	190269424	453022440	1420225344	.00
1947	0	0	249111450	545101640	1708893648	.00
1948	0	0	294150680	573393136	1797587504	.00
1949	0	0	323727847	603969872	1893445520	.00
1950	0	0	371142655	677267616	2123233984	.00
1951	0	0	450620916	737513776	2312105696	.00
1952	0	0	450653835	707462848	2217896032	.00
1953	0	0	471374769	741155296	2323521856	.00
1954	0	0	501676594	776589152	2434607008	.00
1955	0	0	590439445	908368384	2847734912	.00
1956	0	0	658951069	977672216	3065002432	.00
1957	0	0	758384087	1102302448	3455718176	.00
1958	0	0	800281658	1146535328	3594388224	.00
1959	0	0	979667060	1375936896	4313562112	.00
1960	0	0	982158425	1362216944	4270550144	.00
1961	0	0	943593336	1301508048	4080227744	.00
1962	0	0	913443698	1242780544	3896116992	.00
1963	0	0	874330039	1168890416	3644471488	.00
1964	0	0	904931603	1179832608	3698775200	.00
1965	0	0	992957355	1255319024	3935425152	.00
1966	0	0	957817788	1158183552	3630905440	.00
1967	0	0	1194497055	1390567008	4359427584	.00
1968	0	0	1355580143	1528275248	4791142912	.00
1969	0	0	1223346337	1319683216	4137206912	.00
1970	0	0	1635066192	1689117968	5295384832	.00
1971	0	0	1598769848	1598769856	5012143488	.00
1972	0	0	1598837060	1524153536	4778221376	.00
1973	0	0	1919903215	1688569232	5293644576	.00
1974	0	0	2526950183	1952820864	6122093376	.00
1975	0	0	2521438979	1721118768	5395707392	.00
1976	0	0	2709039105	1688927120	5294786560	.00
1977	0	0	2974269617	1732247872	5430597120	.00
1978	0	0	2682787064	1468411088	4603468736	.00
1979	0	0	3239949428	1614324576	5060907520	.00
1980	0	0	4551766332	2043900463	6407328733	.00
1981	0	0	4130872231	1677171024	5295562695	.00
1982	0	0	3100052726	1130580863	3542917401	.00
1983	0	0	3588442836	1235264315	3871027871	.00
1984	0	0	4420324925	1481838736	4645564416	.00
1985	0	0	4572520000	1458539072	4572520000	.00
TOTAL	0	0		6277826745	19680422240	

R -- REVISED



VOLUME AND VALUE OF PRODUCTION OF METALS
IN ONTARIO

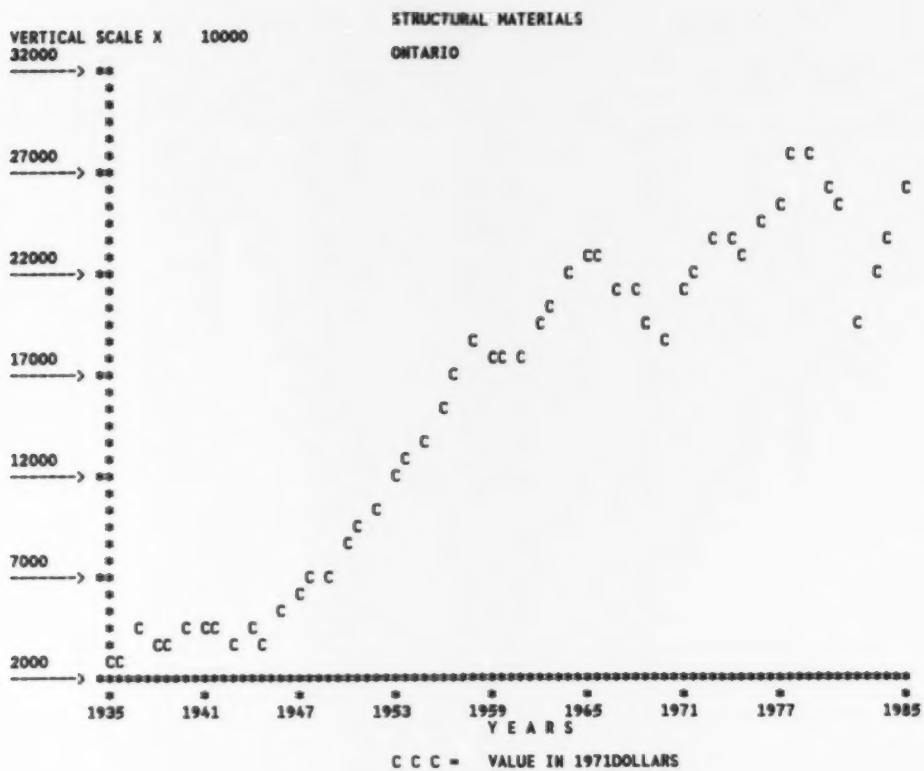
YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	N/A	N/A	DOLLARS	1971 DOLLARS	1985 DOLLARS	
1901	0	0	2453292	6814700	21364084	.00
1902	0	0	3805916	10571989	33143185	.00
1903	0	0	3974227	11039519	34608893	.00
1904	0	0	2286799	6352219	19914208	.00
1905	0	0	5891471	16365197	51304893	.00
1906	0	0	9042295	25117486	78743319	.00
1907	0	0	10105925	28072014	88005764	.00
1908	0	0	12839136	35644267	111807477	.00
1909	0	0	17346183	48183842	151056344	.00
1910	0	0	21647054	60130706	188509762	.00
1911	0	0	21781377	60503825	189679492	.00
1912	0	0	26937675	74826875	234582254	.00
1913	0	0	29068884	80746906	253141550	.00
1914	0	0	26672202	74089450	232270426	.00
1915	0	0	42485567	118015444	369978480	.00
1916	0	0	53646433	149017870	467171024	.00
1917	0	0	56112136	155867046	488643188	.00
1918	0	0	65078330	180773140	566723792	.00
1919	0	0	40883401	113565003	356026284	.00
1920	0	0	47871985	132977737	416885204	.00
1921	0	0	28687467	79687409	249820026	.00
1922	0	0	39921577	110893270	347650400	.00
1923	0	0	44009497	122248603	383249372	.00
1924	0	0	51930580	144251612	452228804	.00
1925	0	0	63774818	177152274	555372376	.00
1926	0	0	59781851	163785894	513468776	.00
1927	0	0	62625272	173477208	543851048	.00
1928	0	0	71303096	198615866	622660736	.00
1929	0	0	83879265	230437540	722421688	.00
1930	0	0	82291280	232461242	728765992	.00
1931	0	0	74941821	225050512	705533352	.00
1932	0	0	69357166	230422480	722374480	.00
1933	0	0	95046002	321101360	1006652768	.00
1934	0	0	129158140	430527136	1349702576	.00
1935	0	0	142836526	474539956	1487682768	.00
1936	0	0	165202134	531196576	1665301264	.00
1937	0	0	203608951	636277976	1994731456	.00
1938	0	0	189969790	595516584	1866944480	.00
1939	0	0	208737693	658478528	2064330192	.00
1940	0	0	232464093	702297568	2201702880	.00
1941	0	0	236823397	663370864	2079667680	.00
1942	0	0	230355817	617575912	1936100496	.00
1943	0	0	204858655	530721912	1663813184	.00
1944	0	0	183811789	460681180	1444235488	.00
1945	0	0	188064878	460943328	1445057328	.00
1946	0	0	156495142	372607484	1168124448	.00
1947	0	0	207607525	454283428	1424178544	.00
1948	0	0	245304738	478176876	1499084528	.00
1949	0	0	266755347	497677892	1560220176	.00
1950	0	0	302524798	552052552	1730684752	.00
1951	0	0	367540345	601539024	1885824848	.00
1952	0	0	361140185	546939064	1777353968	.00
1953	0	0	369244241	580572704	1820095440	.00
1954	0	0	393961957	609848224	1911874192	.00
1955	0	0	469771064	722724712	2265741984	.00
1956	0	0	521195108	773286512	2424253248	.00
1957	0	0	601100294	873692288	2739025344	.00
1958	0	0	629189041	901416960	2825942176	.00
1959	0	0	806143529	1132224064	3549522400	.00
1960	0	0	817803023	1134262160	3555911904	.00
1961	0	0	780784843	1076944608	3376221344	.00
1962	0	0	729890328	993048064	3113205644	.00
1963	0	0	683639445	913956472	2865253568	.00
1964	0	0	701643732	914789752	2867865888	.00
1965	0	0	776220397	981315296	3076423456	.00
1966	0	0	732411604	885624680	2776433376	.00
1967	0	0	970906229	1130275008	3543412160	.00
1968	0	0	1122956239	1266016064	3968960320	.00
1969	0	0	1001021179	1079850256	3385330560	.00
1970	0	0	1399337209	1445596304	4531944384	.00
1971	0	0	1335245117	1335245120	4185993440	.00
1972	0	0	1315627449	1254172992	3931832320	.00
1973	0	0	1587039676	1395813264	4375874560	.00
1974	0	0	2140973293	1654538880	5186979392	.00
1975	0	0	2113115802	1442399872	4521923648	.00
1976	0	0	2223006140	1385914064	4344840640	.00
1977	0	0	2435986748	1418745920	4447768448	.00
1978	0	0	2049315999	1121683632	3516478176	.00
1979	0	0	2544643588	1267884192	3974816928	.00
1980	0	0	3809164885	1710446736	5362250496	.00
1981	0	0	3319634589	1347801296	4225357056	.00
1982	0	0	2349336839	856796800	2686057952	.00
1983	0	0	2720794041	936590032	2936209792	.00
1984	0	0	3392098454	1137143296	3564944256	.00
1985	0	0	3429206000	1093845616	3429206016	.00
TOTAL	0	0		50858150205	159440301025	



VOLUME AND VALUE OF PRODUCTION OF NON-METALS
IN ONTARIO

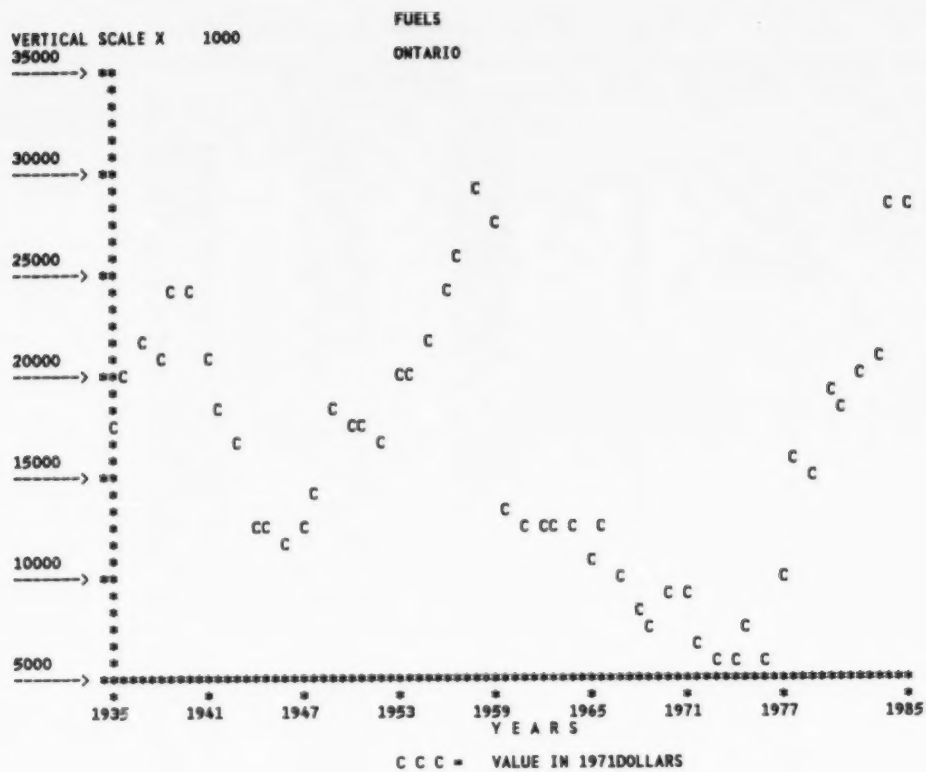
YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE 1985 DOLLARS/N/A
	N/A	N/A	DOLLARS	1971 DOLLARS	1985 DOLLARS	
1901	0	0	357620	993388	3114274	.00
1902	0	0	371916	1033100	3238768	.00
1903	0	0	434403	1206475	3782926	.00
1904	0	0	438645	1218458	3819866	.00
1905	0	0	423026	1175072	3683851	.00
1906	0	0	490996	1363877	4275756	.00
1907	0	0	610593	1696091	5317247	.00
1908	0	0	645366	1792683	5620062	.00
1909	0	0	582599	1618330	5073466	.00
1910	0	0	670420	1862277	5838240	.00
1911	0	0	693957	1927658	6043208	.00
1912	0	0	763497	2120825	6648786	.00
1913	0	0	994886	2763572	8663799	.00
1914	0	0	944752	2624311	8227215	.00
1915	0	0	1366621	3796169	11900991	.00
1916	0	0	1637023	4547286	14255742	.00
1917	0	0	2829487	7859686	24640116	.00
1918	0	0	3502387	9173297	28758287	.00
1919	0	0	2459370	6831583	21417013	.00
1920	0	0	3168792	8802200	27594897	.00
1921	0	0	2482289	6895247	21616600	.00
1922	0	0	2527110	7019750	22006916	.00
1923	0	0	2924585	8123847	25468261	.00
1924	0	0	2254370	6262138	19631805	.00
1925	0	0	2455331	6820363	21381841	.00
1926	0	0	2411868	6607857	20715633	.00
1927	0	0	2425727	6719465	21065524	.00
1928	0	0	2473240	6889247	21597792	.00
1929	0	0	2801171	7695524	24125469	.00
1930	0	0	2816214	7955406	24940200	.00
1931	0	0	2471062	7420606	23263601	.00
1932	0	0	2214407	7356833	23063674	.00
1933	0	0	2176064	7351567	23047164	.00
1934	0	0	2292339	7641130	23954942	.00
1935	0	0	2254401	7489704	23480223	.00
1936	0	0	2278595	7326672	22969117	.00
1937	0	0	2794189	8731840	27374320	.00
1938	0	0	2898164	9085153	28481956	.00
1939	0	0	3557103	11221145	35178290	.00
1940	0	0	3958435	11959018	37491522	.00
1941	0	0	4264057	11944137	37444871	.00
1942	0	0	4767011	12780190	40065896	.00
1943	0	0	4809563	12460007	39062124	.00
1944	0	0	4818070	12075363	37856264	.00
1945	0	0	4939329	12106198	37952932	.00
1946	0	0	4517321	10755526	33718574	.00
1947	0	0	5567220	12182100	38190885	.00
1948	0	0	6071526	11835333	37103770	.00
1949	0	0	6489528	12107328	37956474	.00
1950	0	0	9399073	17151593	53770244	.00
1951	0	0	12237236	20028209	62788437	.00
1952	0	0	12345528	19380734	60758603	.00
1953	0	0	12211102	19199846	60191517	.00
1954	0	0	12487035	19329775	60598846	.00
1955	0	0	13993570	21528549	67492065	.00
1956	0	0	17489988	25949537	81351800	.00
1957	0	0	18966909	27568181	86426250	.00
1958	0	0	19357338	27732575	86941625	.00
1959	0	0	24331568	34173551	107134081	.00
1960	0	0	24311225	33718758	105708308	.00
1961	0	0	23554285	32488668	101851977	.00
1962	0	0	27302269	37145944	116452535	.00
1963	0	0	26913804	35981021	112800502	.00
1964	0	0	24450313	31877852	99937069	.00
1965	0	0	23068141	29163263	91426829	.00
1966	0	0	23668814	28620089	89723981	.00
1967	0	0	28302948	32948717	103294228	.00
1968	0	0	35944394	40523556	127041347	.00
1969	0	0	35637512	38443918	120521684	.00
1970	0	0	40046238	41370080	129695203	.00
1971	0	0	43876065	43876065	137951464	.00
1972	0	0	44134291	42072727	131898001	.00
1973	0	0	57204607	50311879	157727742	.00
1974	0	0	64184225	49601410	155500422	.00
1975	0	0	56186004	38352221	120234215	.00
1976	0	0	84507214	52685295	165168404	.00
1977	0	0	89177844	51938173	162826174	.00
1978	0	0	93721201	51297865	160818808	.00
1979	0	0	105360811	52496667	164577090	.00
1980	0	0	R 119202040	53525837	167795664	.00
1981	0	0	R 137908452	55990845	175452229	.00
1982	0	0	R 146255475	54072383	169447400	.00
1983	0	0	R 166860317	57439008	180000342	.00
1984	0	0	220787631	74015298	232037958	.00
1985	0	0	228551000	72903030	228551000	.00
TOTAL	0	0		1743854929	5466757954	

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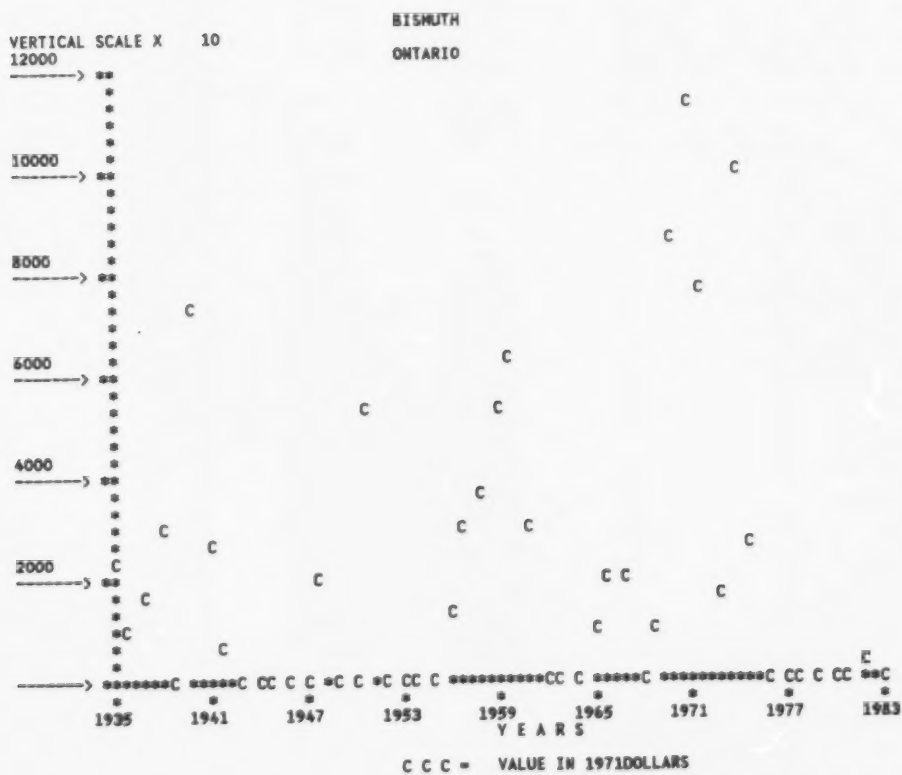
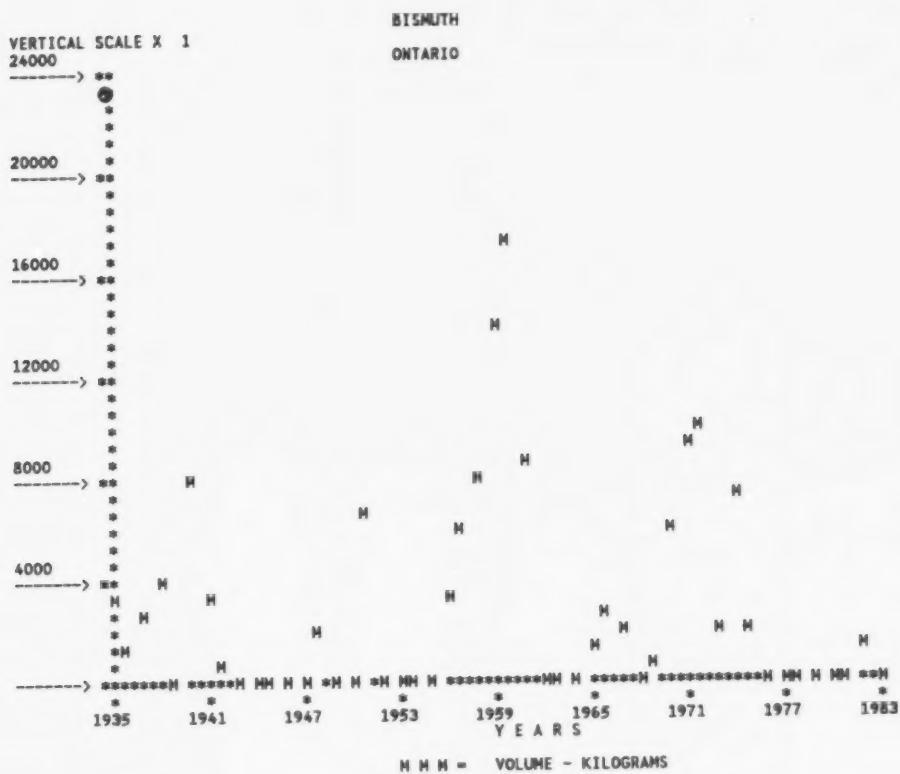
VOLUME AND VALUE OF PRODUCTION OF STRUCTURAL MATERIALS
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	N/A	N/A	DOLLARS	1971 DOLLARS	1985 DOLLARS	1985 DOLLARS/N/A
1901	0	0	2845126	7903127	24776305	.00
1902	0	0	2730106	7583627	23774673	.00
1903	0	0	2932509	8145858	25537266	.00
1904	0	0	2712000	7533333	23617000	.00
1905	0	0	3156035	8766763	27483805	.00
1906	0	0	3633700	10093611	31643471	.00
1907	0	0	3990426	11084516	34749960	.00
1908	0	0	5722841	15896780	49836407	.00
1909	0	0	7227221	20075614	62937050	.00
1910	0	0	8010559	22251553	69758618	.00
1911	0	0	8999004	24997233	78366327	.00
1912	0	0	9532226	26478405	83009802	.00
1913	0	0	11427926	31744239	99518189	.00
1914	0	0	8610965	23919347	74987154	.00
1915	0	0	5480750	15224305	47728198	.00
1916	0	0	5318764	14774344	46317570	.00
1917	0	0	6719545	18665402	58516038	.00
1918	0	0	6224342	17289839	54203645	.00
1919	0	0	10129818	28138383	88213832	.00
1920	0	0	15851102	44030839	138036680	.00
1921	0	0	18234231	50650642	158789762	.00
1922	0	0	19277397	53548325	167874000	.00
1923	0	0	17674424	49095622	153914776	.00
1924	0	0	16585362	46070450	144430862	.00
1925	0	0	16481112	45780867	143523018	.00
1926	0	0	17118423	46899789	147030838	.00
1927	0	0	18751415	51942978	162841236	.00
1928	0	0	19650392	54736467	171598826	.00
1929	0	0	23990563	65908140	206422018	.00
1930	0	0	21087366	59568830	186748282	.00
1931	0	0	14692249	44120867	138318918	.00
1932	0	0	8652801	28746847	90121367	.00
1933	0	0	7070480	23886756	74884983	.00
1934	0	0	8632522	28775073	90209855	.00
1935	0	0	8559981	28438475	89154620	.00
1936	0	0	10055758	32333627	101365921	.00
1937	0	0	14842940	46384187	145414428	.00
1938	0	0	11700146	36677573	114984193	.00
1939	0	0	12483238	39379299	123454105	.00
1940	0	0	16197338	48934556	153409834	.00
1941	0	0	18152409	50847084	159405610	.00
1942	0	0	16093278	43145517	135261196	.00
1943	0	0	15020990	38914482	121996901	.00
1944	0	0	18063757	45272574	141929520	.00
1945	0	0	17437552	42739098	133987072	.00
1946	0	0	24308714	57877890	181447188	.00
1947	0	0	30251819	66196540	207526156	.00
1948	0	0	35208060	68631696	215160368	.00
1949	0	0	40755195	76035812	238372268	.00
1950	0	0	49435917	90211527	282813136	.00
1951	0	0	60202877	98531714	308896924	.00
1952	0	0	66580698	104522289	327677376	.00
1953	0	0	77219296	121413988	380632852	.00
1954	0	0	82079053	127057357	398324816	.00
1955	0	0	92695449	142608382	447077284	.00
1956	0	0	104086954	154431684	484143328	.00
1957	0	0	120171871	174668416	547585488	.00
1958	0	0	131352279	188183780	589956152	.00
1959	0	0	129662221	182109862	570914416	.00
1960	0	0	130320122	180749128	566448520	.00
1961	0	0	130093420	179439200	562541888	.00
1962	0	0	146787540	199710940	626093792	.00
1963	0	0	154267740	206240292	646563320	.00
1964	0	0	169063366	220421600	691021712	.00
1965	0	0	184719374	233526390	732105232	.00
1966	0	0	191561271	231633946	726172416	.00
1967	0	0	186336755	216922882	680053240	.00
1968	0	0	188913757	212980562	667694056	.00
1969	0	0	179295463	193414742	606355216	.00
1970	0	0	186354989	192515486	603536048	.00
1971	0	0	210588735	210588736	660195688	.00
1972	0	0	231809052	220980986	692775392	.00
1973	0	0	269115232	236688858	742019576	.00
1974	0	0	314202665	242815044	761225160	.00
1975	0	0	340583173	232479982	728824752	.00
1976	0	0	391449751	244045980	765084152	.00
1977	0	0	432211025	251724532	789156408	.00
1978	0	0	510207315	279259612	875153960	.00
1979	0	0	560266029	279155968	816663688	.00
1980	0	0	580130802	260498788	798914424	.00
1981	0	0	627663875	254837138	624630704	.00
1982	0	0	546327716	199244244	689319608	.00
1983	0	0	638747508	219878662	758470832	.00
1984	0	0	721696491	241936470	825171000	.00
1985	0	0	825171000	263212440		.00
TOTAL	0	0		902477878	28292681555	



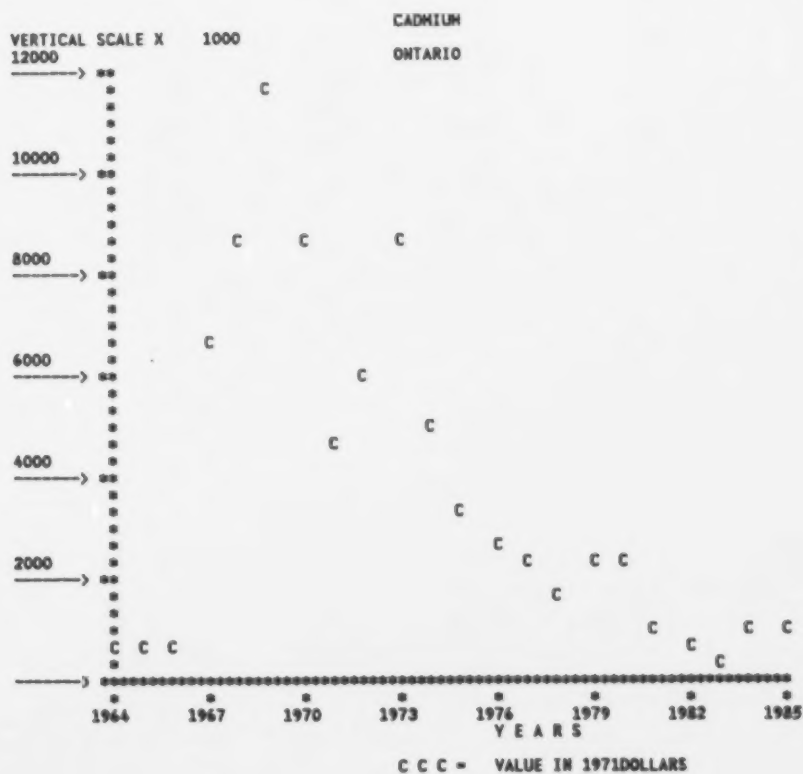
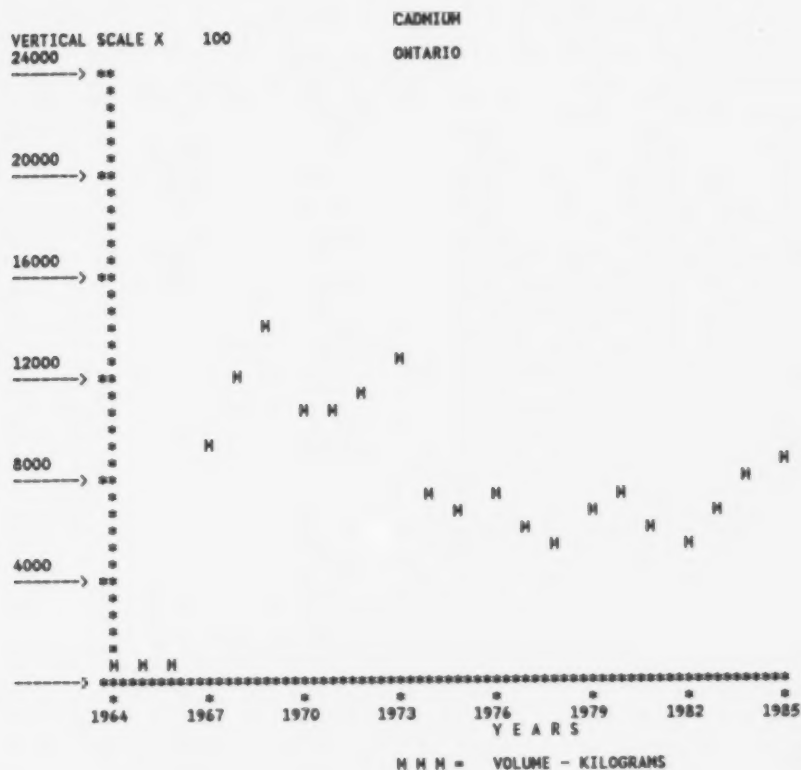
VOLUME AND VALUE OF PRODUCTION OF FUELS
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	N/A	N/A	DOLLARS	1971 DOLLARS	1985 DOLLARS	1985 DOLLARS/N/A
1901	0	0	1350458	3751272	11760238	.00
1902	0	0	1150428	3195633	10018310	.00
1903	0	0	1245409	3459469	10145436	.00
1904	0	0	1157961	3216558	10083910	.00
1905	0	0	1215021	3375058	10580807	.00
1906	0	0	1294992	3597200	11277222	.00
1907	0	0	1796130	4989250	15641298	.00
1908	0	0	1692389	4701080	14737887	.00
1909	0	0	1747657	4854602	15219179	.00
1910	0	0	1859392	5164977	16192205	.00
1911	0	0	2540335	7056486	22122084	.00
1912	0	0	2612559	7257108	22751034	.00
1913	0	0	2760072	7666866	24035627	.00
1914	0	0	2684554	7457094	23377991	.00
1915	0	0	2923057	8119602	25454954	.00
1916	0	0	2792345	7756513	24316671	.00
1917	0	0	3695123	10264230	32178363	.00
1918	0	0	3279866	9110738	28562166	.00
1919	0	0	3216113	8933647	28006984	.00
1920	0	0	3887645	10799014	33854908	.00
1921	0	0	3534700	9818611	30781346	.00
1922	0	0	4491354	12475983	39112208	.00
1923	0	0	4544393	12623314	39574089	.00
1924	0	0	4466438	12406772	38895231	.00
1925	0	0	4479495	12443041	39008936	.00
1926	0	0	4792740	13130794	41165041	.00
1927	0	0	4621171	12801027	40131222	.00
1928	0	0	4785293	13329506	41788004	.00
1929	0	0	5221815	14345645	44973598	.00
1930	0	0	5297334	14964220	46912830	.00
1931	0	0	4855490	14581050	45711594	.00
1932	0	0	4966765	16500880	51730260	.00
1933	0	0	4776570	16137060	50589686	.00
1934	0	0	5041242	16804140	52680979	.00
1935	0	0	5240509	17410329	54581381	.00
1936	0	0	6403061	20588620	64545326	.00
1937	0	0	6945156	21703612	68040825	.00
1938	0	0	6820032	21379410	67024452	.00
1939	0	0	7663356	24174624	75787448	.00
1940	0	0	8142945	24601042	77124268	.00
1941	0	0	7453233	20877403	65450660	.00
1942	0	0	6976061	18702576	58632576	.00
1943	0	0	6665401	17267878	54134798	.00
1944	0	0	4990517	12507561	39211205	.00
1945	0	0	5106064	12514862	39234094	.00
1946	0	0	4948247	11781540	36935129	.00
1947	0	0	5684886	12439575	38998069	.00
1948	0	0	7566356	14749232	46238842	.00
1949	0	0	9727777	18148837	56896606	.00
1950	0	0	9782867	17851947	55965854	.00
1951	0	0	10640458	17414825	54595476	.00
1952	0	0	10587424	16620759	52106082	.00
1953	0	0	12700130	19968758	62602056	.00
1954	0	0	13148549	20353791	63809134	.00
1955	0	0	13979362	21506710	67423539	.00
1956	0	0	16179019	24004479	75254043	.00
1957	0	0	18145013	26373565	82681128	.00
1958	0	0	20383000	29202005	91548288	.00
1959	0	0	19529742	27429413	85991209	.00
1960	0	0	9724055	13486900	42281432	.00
1961	0	0	9160788	12635569	39612511	.00
1962	0	0	9463561	12875593	40364984	.00
1963	0	0	9509050	12712633	39854106	.00
1964	0	0	9774192	12743405	39950576	.00
1965	0	0	8949443	11314087	35469663	.00
1966	0	0	10176099	12304835	38575659	.00
1967	0	0	8951123	10420399	32667951	.00
1968	0	0	7765753	8755076	27447165	.00
1969	0	0	7392183	7974307	24999454	.00
1970	0	0	9327756	9636111	30209209	.00
1971	0	0	9059931	9059931	28402883	.00
1972	0	0	7266268	6926852	21715682	.00
1973	0	0	6543700	5755233	18042655	.00
1974	0	0	7590000	5865533	18388446	.00
1975	0	0	11554000	7886689	24724771	.00
1976	0	0	10076000	6281795	19693429	.00
1977	0	0	16894000	9839254	30846062	.00
1978	0	0	29542549	16169977	50692879	.00
1979	0	0	29679000	14787742	46359574	.00
1980	0	0	43268605	19429099	60910227	.00
1981	0	0	45668315	18541743	58128366	.00
1982	0	0	56121696	20467431	64165396	.00
1983	0	0	62040970	21356616	66952992	.00
1984	0	0	85742349	28743663	90111386	.00
1985	0	0	89592000	28577990	89592000	.00
TOTAL	0	0		1151210256	3609044244	



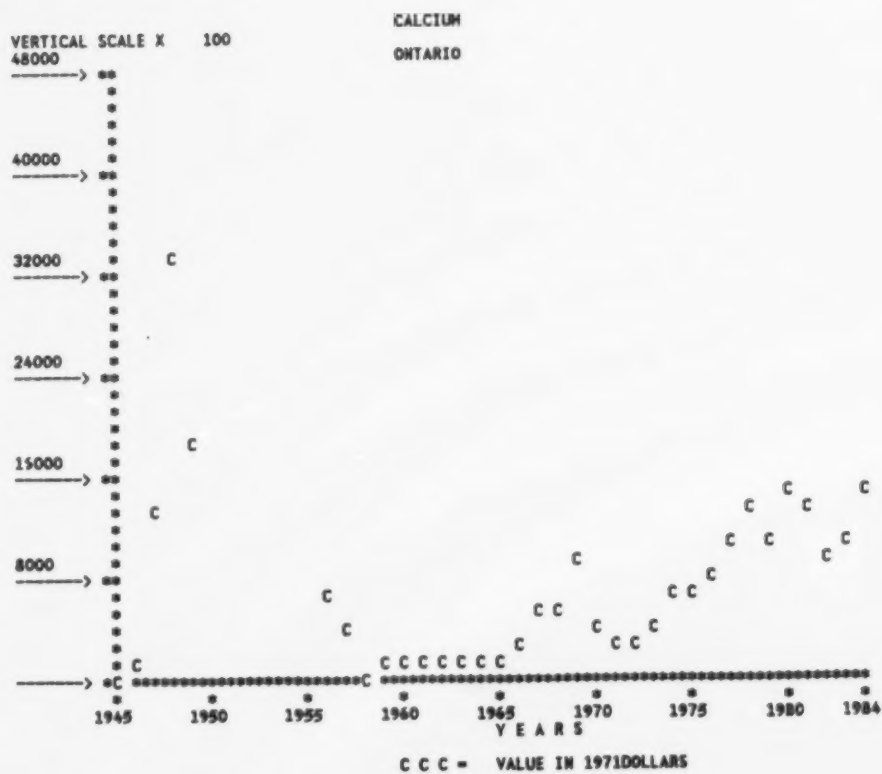
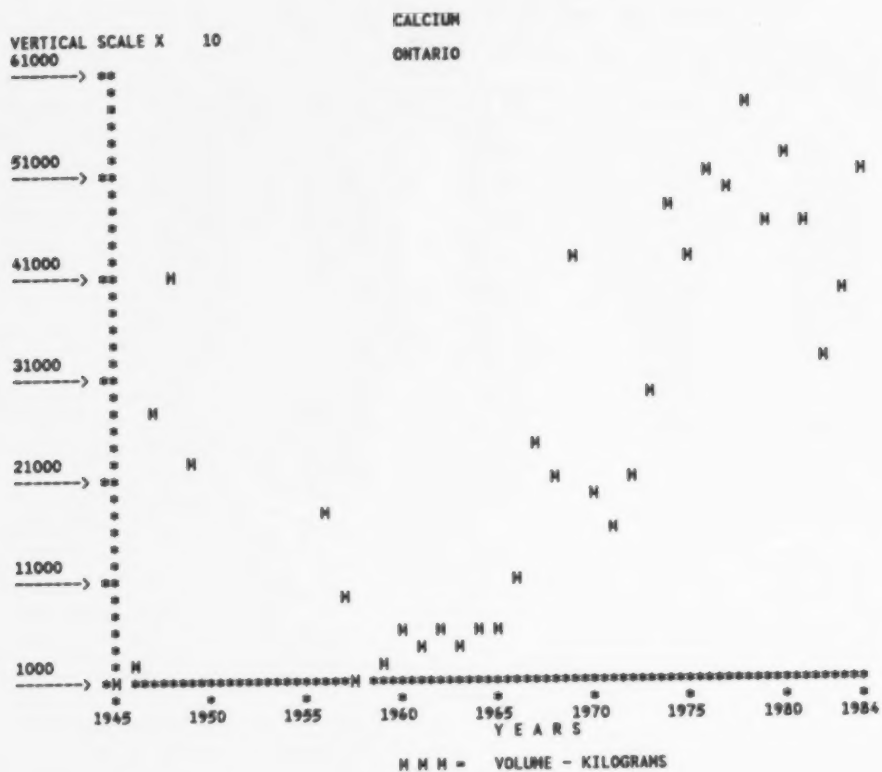
VOLUME AND VALUE OF PRODUCTION OF BISMUTH
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	POUNDS	KILOGRAMS	DOLLARS	1971 DOLLARS	1985 DOLLARS	1985 DOLLARS/KILOGRAMS
1923	18878	8562	48139	133719	419210	48.96
1924	12863	5834	16079	44663	140021	24.00
1925	19667	8920	18596	51655	161940	18.15
1926	6440	2921	6440	17643	55313	18.94
1927	2072	939	1003	2778	8710	9.28
1928	14002	6351	5067	14114	44248	6.97
1929	27446	12449	23413	64321	201647	16.20
1930	12732	5775	6366	17983	56376	9.76
1931	7331	3325	3532	10606	33251	10.00
1932	16798	7619	7289	24215	75914	9.96
1933	7580	3438	3731	12604	39515	11.49
1934	7552	3425	3444	11480	35989	10.51
1935	7079	3210	6796	22578	70782	22.05
1936	3552	1611	3516	11305	35442	22.00
1937	5711	2590	5654	17668	53391	21.39
1938	9516	4316	9754	30576	95558	22.21
1939	0	0	0	0	0	.00
1940	17789	8068	24620	74380	233183	28.90
1941	7499	3401	10379	29072	91143	26.80
1942	2333	1058	3219	8630	27055	25.57
1943	0	0	0	0	0	.00
1944	0	0	0	0	0	.00
1945	0	0	0	0	0	.00
1946	0	0	0	0	0	.00
1947	0	0	0	0	0	.00
1948	5362	2432	10724	20904	65535	26.95
1949	0	0	0	0	0	.00
1950	0	0	0	0	0	.00
1951	15763	7149	34048	55725	174698	24.44
1952	0	0	0	0	0	.00
1953	0	0	0	0	0	.00
1954	0	0	0	0	0	.00
1955	0	0	0	0	0	.00
1956	6980	3166	10586	15706	49239	15.55
1957	14214	6447	21372	31063	97385	15.11
1958	18581	8428	26779	38365	120275	14.27
1959	31457	14268	37748	53016	166207	11.65
1960	37835	17161	45402	62970	197413	11.50
1961	19923	9036	22388	30880	96808	10.71
1962	0	0	0	0	0	.00
1963	65	29	146	195	611	21.07
1964	541	245	703	916	2873	11.73
1965	3883	1761	9600	12136	38048	21.61
1966	6312	2863	15881	19203	60201	21.03
1967	4272	1937	18412	21434	67196	34.69
1968	0	0	0	0	0	.00
1969	2269	1029	11209	12091	37907	36.84
1970	13701	6214	85905	88744	278215	44.77
1971	20910	9484	113541	113541	355951	37.53
1972	22304	10116	80071	76330	239297	23.66
1973	4077	1849	20059	17642	55307	29.91
1974	16169	7334	132553	102436	321138	43.79
1975	5378	2439	42325	28890	90572	37.13
1976	96	43	710	442	1387	32.26
1977	0	0	0	0	0	.00
1978	0	0	0	0	0	.00
1979	0	0	0	0	0	.00
1980	0	0	0	0	0	.00
1981	688	312	2170	881	2762	8.85
1982	2769	1256	7561	2757	8644	6.88
TOTAL	460389	208810		1406257	4408659	



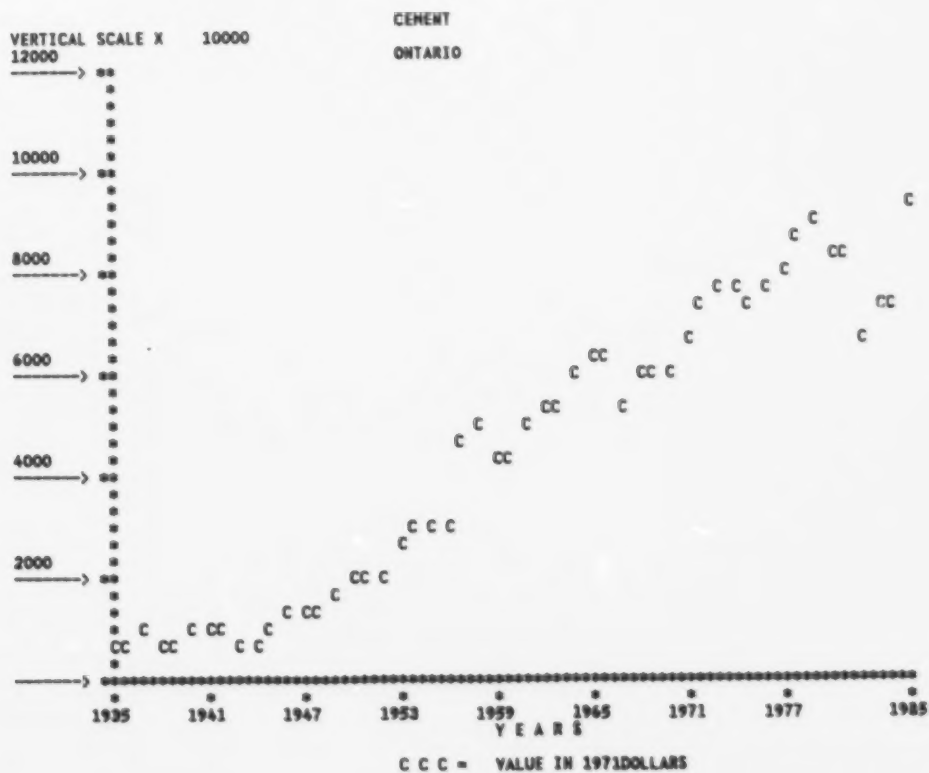
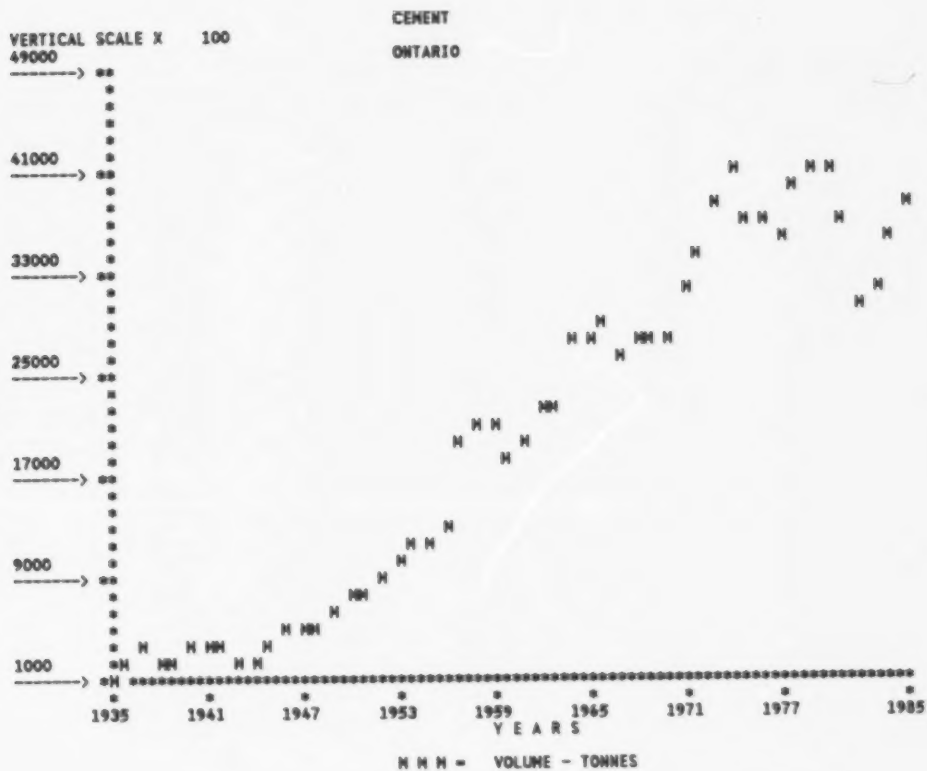
VOLUME AND VALUE OF PRODUCTION OF CADMIUM
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	POUNDS	KILOGRAMS	DOLLARS	1971 DOLLARS	1985 DOLLARS	1985 DOLLARS/KILOGRAMS
1964	187609	85098	607853	792507	2484510	29.20
1965	209724	95129	583033	737083	2310756	24.29
1966	217237	98537	560471	677715	2124639	21.56
1967	2024006	918073	5667217	6597458	20683033	22.53
1968	2732729	1239545	7788278	8780471	27526777	22.21
1969	3075505	1395025	10825778	11678293	36611450	26.24
1970	2351277	1066521	8370546	8647258	27109154	25.42
1971	2414008	1094975	4683176	4683176	14681756	13.41
1972	2575274	1168124	6515443	6211099	19471796	16.67
1973	2764697	1254045	10063497	8850920	27747637	22.13
1974	1680019	762043	6681436	5163397	16187250	21.24
1975	1468335	666025	5011427	3420769	10724111	16.10
1976	1617883	733859	4246943	2647720	8300602	11.31
1977	1329485	603044	4187878	2439066	7646474	12.68
1978	1141902	517958	3191617	1746916	5476584	10.57
1979	1483352	672837	4795677	2389475	7491005	11.13
1980	1717694	779133	5283454	2372453	7437641	9.55
1981	1343089	609215	2959469	1201570	3766924	6.18
1982	1210351	549006	1823036	664856	2084324	3.80
1983	1473574	668402	1637862	563807	1767537	2.64
1984	1839387	834332	3116180	1044646	3274966	3.93
1985	1924635	873000	3169000	1010845	3169000	3.63
TOTAL	36781772	16683926		82321500	258077926	



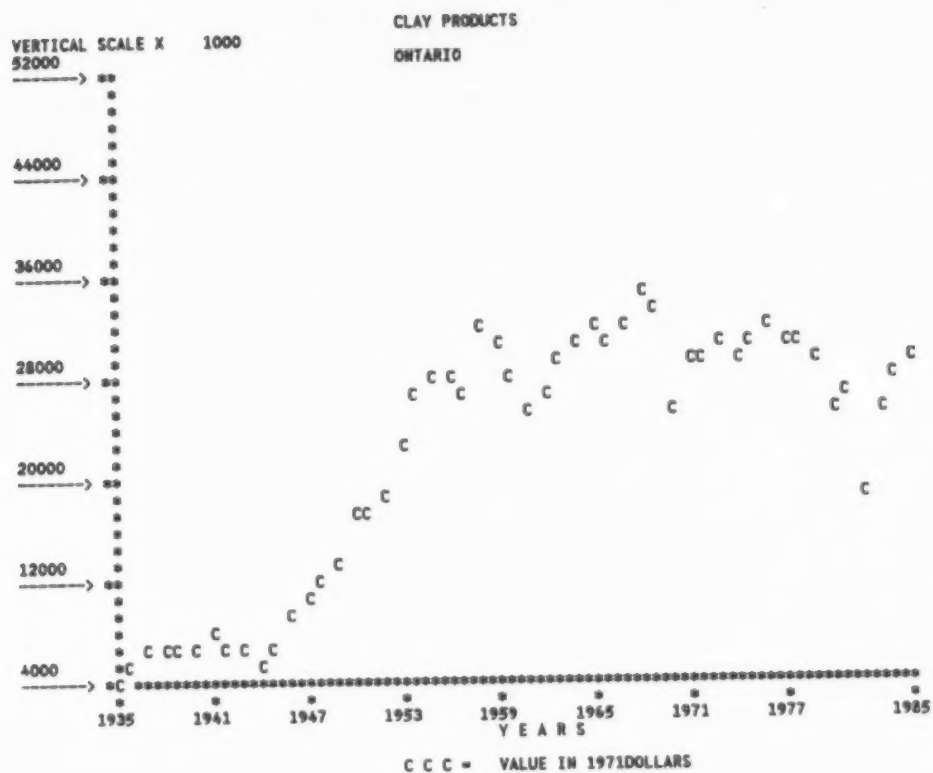
VOLUME AND VALUE OF PRODUCTION OF CALCIUM
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	POUNDS	KILOGRAMS	DOLLARS	1971 DOLLARS	1985 DOLLARS	1985 DOLLARS/KILOGRAMS
1945	22720	10305	19312	47333	148390	14.40
1946	53548	24288	68720	163619	512945	21.12
1947	602665	273364	642607	1406142	4408255	16.13
1948	895203	406057	1723264	3359192	10531070	25.93
1949	520609	236144	1041551	1943192	6091907	25.80
1956	394900	179123	515305	764547	2396856	13.38
1957	221225	100345	282378	410433	1286707	12.82
1958	25227	11442	31256	44779	140383	12.27
1959	67429	30585	76409	107316	336435	11.00
1960	134801	61144	159241	220861	692400	11.32
1961	99355	45066	100881	139146	436223	9.68
1962	123511	56023	124412	169268	530655	9.47
1963	98673	44757	117247	156747	491402	10.98
1964	138357	62757	151694	197775	620026	9.88
1965	159434	72318	152848	193233	605788	8.38
1966	249179	113025	245125	296402	929222	8.22
1967	543692	246614	535509	623409	1954389	7.92
1968	468512	212513	450946	508394	1593817	7.50
1969	942682	427593	953522	1028610	3224694	7.54
1970	443557	201194	374476	386855	1212791	6.03
1971	355247	161137	291504	291504	913865	5.67
1972	469378	212906	337609	321838	1008964	4.74
1973	651921	295706	489813	430794	1350539	4.57
1974	1049587	476084	915487	707484	2217968	4.66
1975	944213	428287	1004674	685784	2149933	5.02
1976	1133096	513963	1432505	893082	2799814	5.45
1977	1082152	490855	1801506	1049217	3289296	6.70
1978	1267138	574764	2397480	1312249	4113902	7.16
1979	1004675	455712	2152146	1072319	3361722	7.38
1980	1169786	530606	3421621	1536426	4816695	9.08
1981	1034856	469403	3512073	1425933	4470299	9.52
1982	725627	329139	2567284	936281	2935242	8.92
1983	879609	398984	3306450	1138192	3568234	8.94
1984	1136218	515380	4559566	1528516	4791900	9.30
TOTAL	19108782	8667583		25496874	79932728	



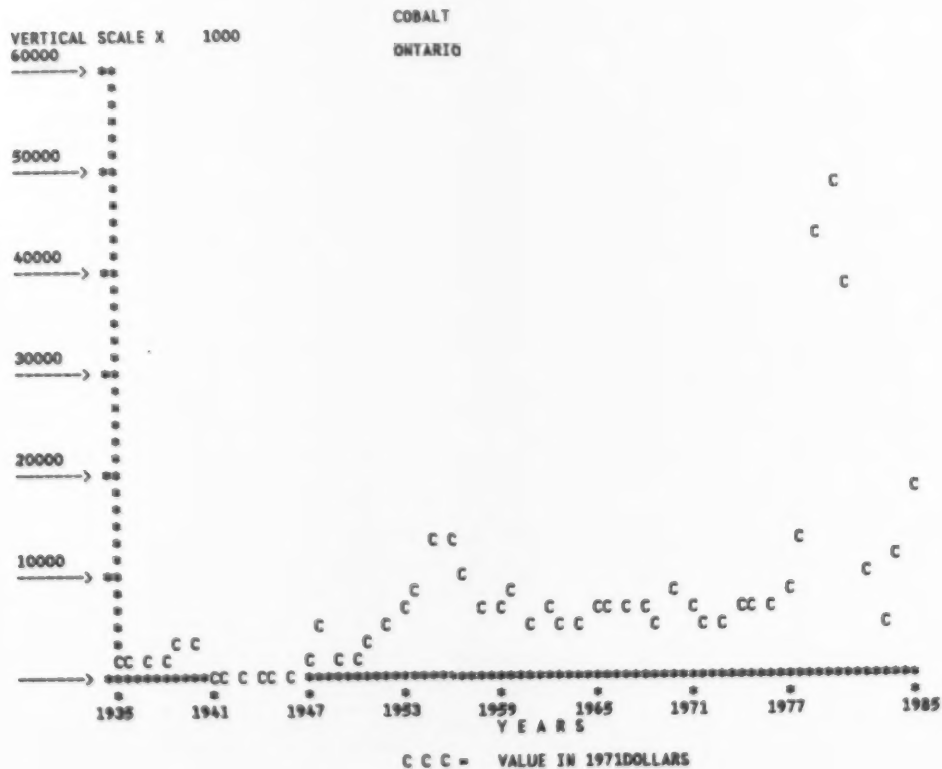
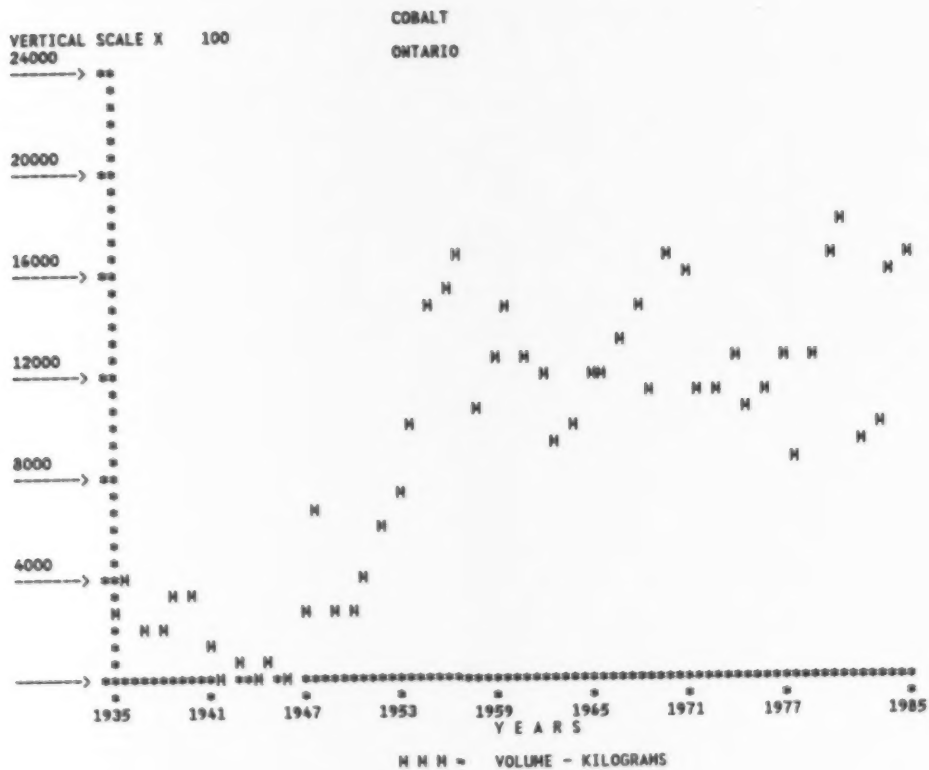
VOLUME AND VALUE OF PRODUCTION OF CEMENT
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	SHORT TONS	TONNES	DOLLARS	1971 DOLLARS	1985 DOLLARS	1985 DOLLARS/TONNES
1908	354003	321146	2417769	6716025	21054738	65.56
1909	403071	365659	2897348	8048188	25231072	69.00
1910	432571	392421	3144343	8734286	27381987	69.78
1911	526898	477993	3640642	10112894	31703924	66.33
1912	523839	475218	3365659	9349052	29309280	61.68
1913	665406	603646	4105455	11404041	35751671	59.23
1914	466488	423190	2931190	8142194	25525779	60.32
1915	402892	365497	2534537	7040380	22071593	60.39
1916	375191	340367	2242433	6228980	19527854	57.37
1917	291959	264860	2092783	5813286	18224652	68.81
1918	214592	194674	1910839	5307884	16640223	85.48
1919	353950	321098	3659720	10165888	31870061	99.25
1920	356228	323164	4377814	12160594	38123444	117.97
1921	476537	432307	6424356	17845433	55945434	129.41
1922	543267	492843	6235370	17320472	54299680	110.18
1923	576874	523331	5855589	16265525	50992421	97.44
1924	623787	565890	5668671	15746308	49364677	87.23
1925	605912	549674	5253911	14594197	45752808	83.24
1926	594800	539593	4792857	13131115	41166046	76.29
1927	656562	595623	5144326	14250210	44674410	75.00
1928	684564	621026	5520897	15378543	48211732	77.63
1929	809324	734206	6608246	18154522	56914426	77.52
1930	689970	625930	5779404	16326000	51182009	81.77
1931	607259	550896	5006826	15035513	47136334	85.56
1932	279884	253906	2288975	7604568	23840321	93.89
1933	191772	173972	1587812	5364229	16816860	96.66
1934	297872	270224	2403590	8011966	25117515	92.95
1935	217671	197467	1752148	5821089	18249116	92.42
1936	269931	244877	2180895	7012524	21984263	89.78
1937	463864	420810	3657067	11428334	35827828	85.14
1938	318155	288625	2555214	8010075	25111585	87.00
1939	299121	271358	2437777	7690148	24108614	88.84
1940	412186	373928	3518247	10629145	33322370	89.11
1941	481049	436400	4019656	11259540	35298640	80.89
1942	487336	442103	3998294	10719286	33604964	76.01
1943	345101	313070	2872732	7442310	23331644	74.53
1944	326061	295797	2730381	6843060	21452993	72.53
1945	430674	390700	3805131	9326301	29237955	74.83
1946	643596	583860	6025503	14346435	44976076	77.03
1947	617651	560323	6219993	13610488	42668880	76.15
1948	640632	581171	7076317	13793990	43244160	74.41
1949	804881	730175	9155613	17081367	53550087	73.34
1950	929866	843560	10953896	19988861	62665080	74.29
1951	951667	863337	12494677	20449553	64109349	74.26
1952	975979	885393	14142060	22201036	69600248	78.61
1953	1238681	1123712	18497744	29084503	91179918	81.14
1954	1261410	1144331	18958173	29347017	92002898	80.40
1955	1341275	1216784	19707042	30318526	95048580	78.11
1956	1450437	1315814	21455019	31832372	99794488	75.84
1957	2211887	2006590	33505994	48700572	152676296	76.09
1958	2400158	2177386	35195552	50423427	158077442	72.60
1959	2386334	2164845	31731767	44567088	139717822	64.54
1960	2007044	1820759	30699800	42579473	133486648	73.31
1961	2226923	2020230	35671569	49202164	154248784	76.35
1962	2510783	2277744	38704090	52658626	165084792	72.48
1963	2552665	2315738	39551719	52876629	165768234	71.58
1964	3043771	2761262	46804126	61022329	191305002	69.28
1965	3145873	2853888	50055554	63281358	198387056	69.51
1966	3242591	2941629	52680630	63700883	199702268	67.89
1967	2894483	2625830	47597495	55410355	173711464	66.15
1968	3103849	2815764	53683873	60522968	189739506	67.38
1969	3112697	2823791	56450012	61111124	191583376	67.85
1970	3142511	2850838	58481550	60414824	189400476	66.44
1971	3570397	3239009	68300184	68300184	214121076	66.11
1972	3761195	3412098	76213423	72653407	227768430	66.75
1973	4319308	3918410	86609966	76174112	238805844	60.94
1974	4592199	4165972	102390409	79127055	248063318	59.55
1975	4118853	3736561	110922439	75714976	237366452	63.53
1976	4100582	3719986	126123662	78630712	246507284	66.27
1977	4020464	3647304	138795199	80835876	253420472	69.48
1978	4355101	3950882	160206032	87688030	274901972	69.58
1979	4538413	4117179	182252209	90808276	284483944	69.15
1980	4483482	4067347	190792978	85672644	268583736	66.03
1981	4174714	3787237	205062550	83257227	261011406	68.92
1982	3315134	3007439	185047149	67486196	211569224	70.35
1983	3528250	3200775	212263334	73068273	229069038	71.57
1984	3949152	3582611	225320319	75534804	236801610	66.10
1985	4367047	3871000	292225000	93213716	292225000	75.49
TOTAL	126988596	115202053		2597125563	8141988699	



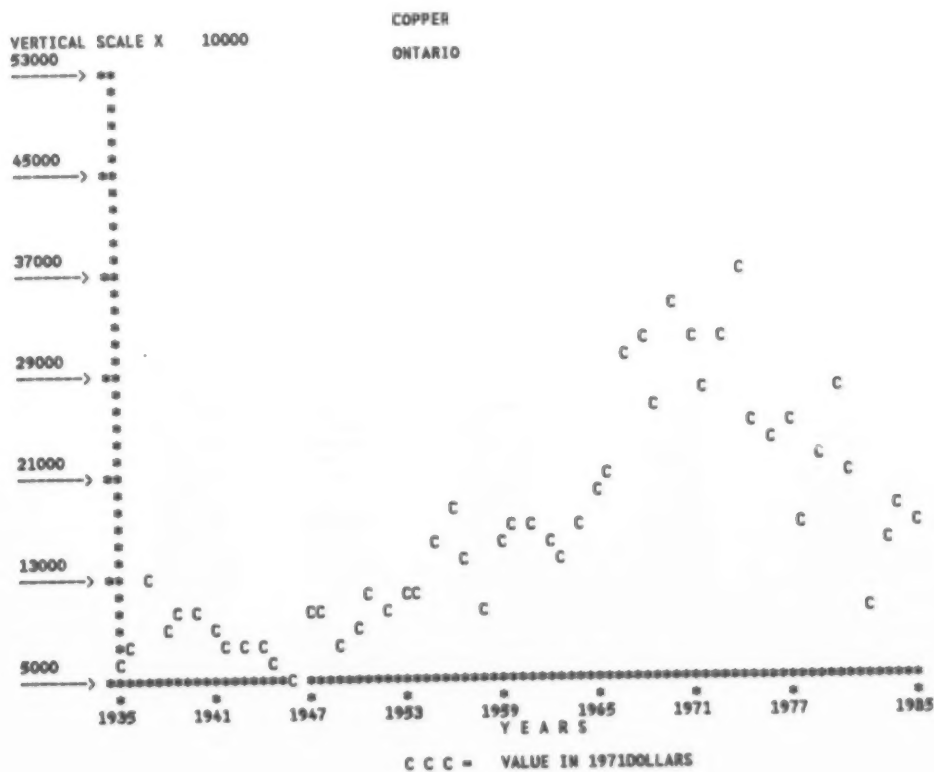
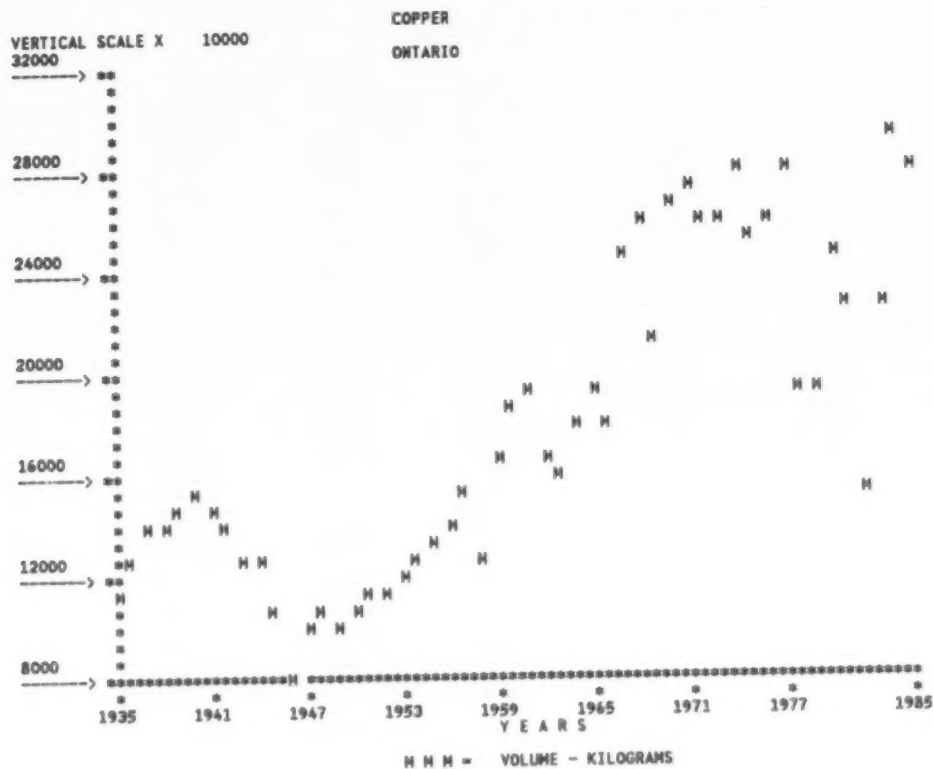
VOLUME AND VALUE OF PRODUCTION OF CLAY PRODUCTS
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	N/A	N/A	DOLLARS	1971 DOLLARS	1985 DOLLARS	1985 DOLLARS/N/A
1901	0	0	2295126	6375350	19986722	.00
1902	0	0	2113106	5869738	18401631	.00
1903	0	0	2412509	6701413	21008932	.00
1904	0	0	2305200	6403333	20074450	.00
1905	0	0	2731335	7587041	23785375	.00
1906	0	0	3136915	8713652	27317301	.00
1907	0	0	3571726	9921461	31103780	.00
1908	0	0	2856476	7934655	24875145	.00
1909	0	0	3199015	8886152	27858089	.00
1910	0	0	3630559	10084886	31616118	.00
1911	0	0	4263395	11842764	37127065	.00
1912	0	0	4831054	13419600	42070444	.00
1913	0	0	5561151	15447641	48428357	.00
1914	0	0	4105597	11404436	35752907	.00
1915	0	0	1871379	5198275	16296592	.00
1916	0	0	1584699	4401941	13800087	.00
1917	0	0	2596749	7213191	22613356	.00
1918	0	0	2018450	5604805	17577335	.00
1919	0	0	3776562	10490450	32887561	.00
1920	0	0	4795154	13153205	41235299	.00
1921	0	0	5183125	14397569	45136380	.00
1922	0	0	6944218	19289494	60472565	.00
1923	0	0	6269140	17414277	54593761	.00
1924	0	0	5137865	14271847	44742241	.00
1925	0	0	5184626	14401739	45149451	.00
1926	0	0	5356469	14675257	46006932	.00
1927	0	0	5853035	16213393	50828988	.00
1928	0	0	6177664	17207977	53947009	.00
1929	0	0	6830162	18764181	58825708	.00
1930	0	0	5221214	14749192	46238716	.00
1931	0	0	3552799	10669066	33447521	.00
1932	0	0	1690505	5616295	17607087	.00
1933	0	0	1024579	3461415	10851537	.00
1934	0	0	1261006	4203353	13177512	.00
1935	0	0	1370225	4552242	14271280	.00
1936	0	0	1573936	5060887	15865882	.00
1937	0	0	2033845	6355765	19925325	.00
1938	0	0	2083496	6531335	20475736	.00
1939	0	0	2341617	7386804	23157631	.00
1940	0	0	2513884	7594815	23809747	.00
1941	0	0	3087616	8648784	27113939	.00
1942	0	0	2549487	6835085	21427993	.00
1943	0	0	2453829	6357070	19929414	.00
1944	0	0	2347396	5883198	18443825	.00
1945	0	0	2347396	5883198	18443825	.00
1946	0	0	3107189	7615659	23875092	.00
1947	0	0	4321499	10289283	32256903	.00
1948	0	0	5278438	11550192	36209854	.00
1949	0	0	6563754	12794842	40111830	.00
1950	0	0	7435439	13872087	43488995	.00
1951	0	0	9323263	17013253	53336550	.00
1952	0	0	10484341	17159314	53794450	.00
1953	0	0	11975200	18799372	58936031	.00
1954	0	0	14829222	23316386	73096873	.00
1955	0	0	17230231	26672184	83617297	.00
1956	0	0	18314320	28175877	88331375	.00
1957	0	0	19173336	28447086	89181616	.00
1958	0	0	18353299	26676306	83630221	.00
1959	0	0	22786291	32645116	102342438	.00
1960	0	0	22174895	31144515	97638056	.00
1961	0	0	20191325	28004611	87794458	.00
1962	0	0	19036556	26257318	82316694	.00
1963	0	0	20146786	27410593	85932210	.00
1964	0	0	21819687	29170704	91450159	.00
1965	0	0	23723512	30930263	96966376	.00
1966	0	0	25130709	31770807	99601482	.00
1967	0	0	25799667	31196695	97801640	.00
1968	0	0	27450940	31956856	100184746	.00
1969	0	0	30629362	34531411	108255975	.00
1970	0	0	31672797	34166987	107113506	.00
1971	0	0	25197229	26030195	81604662	.00
1972	0	0	29815391	29815391	93471251	.00
1973	0	0	31569829	30095166	94348346	.00
1974	0	0	34600965	30431807	95403716	.00
1975	0	0	39073763	30196107	94664797	.00
1976	0	0	44769040	30559071	95802691	.00
1977	0	0	52117111	32491964	101842310	.00
1978	0	0	53784270	31324560	98202496	.00
1979	0	0	57142237	31276538	98051949	.00
1980	0	0	60767493	30277774	94920822	.00
1981	0	0	58109858	26093335	81802606	.00
1982	0	0	66660263	27064662	84847716	.00
1983	0	0	51131105	18647376	58459523	.00
1984	0	0	73297428	25231472	79100667	.00
1985	0	0	82671246	27714128	86883794	.00
1985	0	0	91725000	29258373	91725000	.00
TOTAL	0	0		1501195863	4706123726	



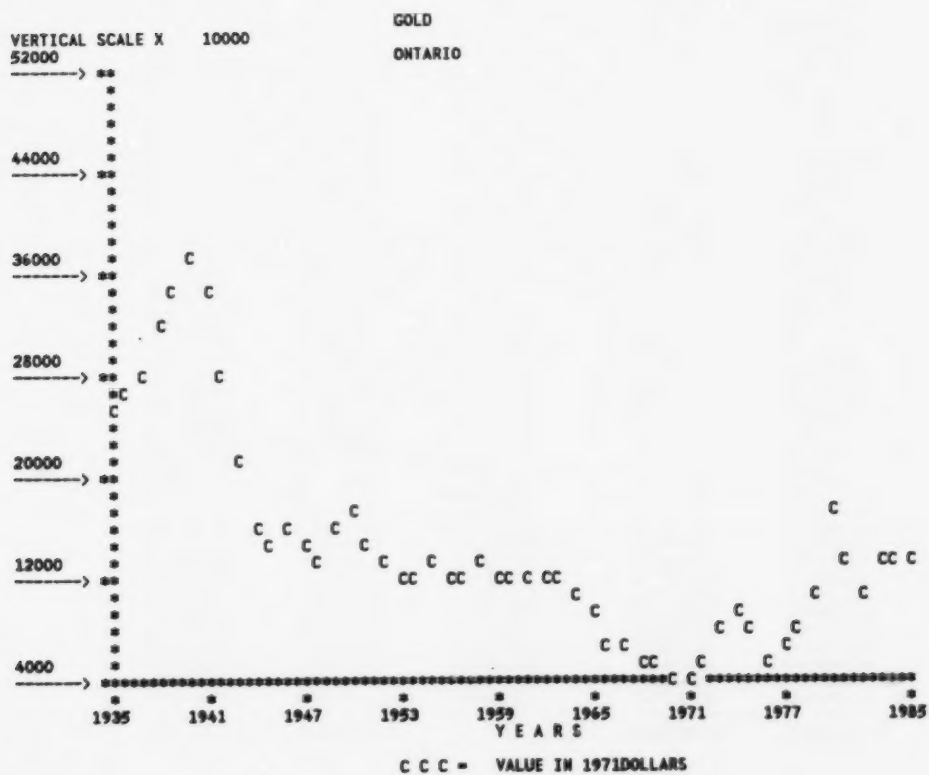
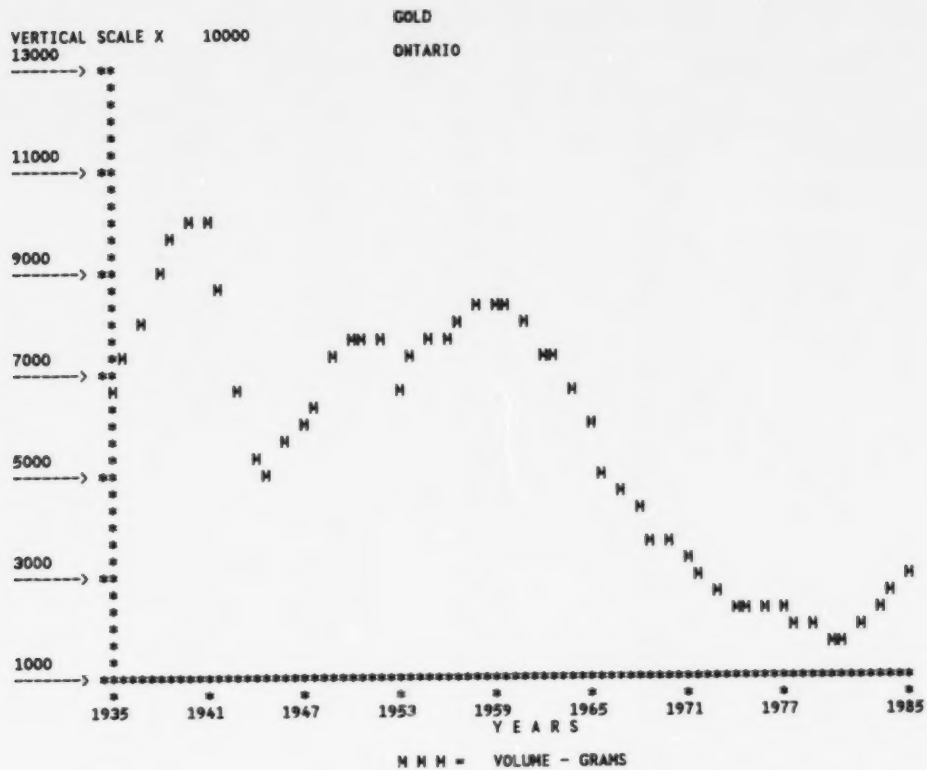
VOLUME AND VALUE OF PRODUCTION OF COBALT
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	POUNDS	KILOGRAMS	DOLLARS	1971 DOLLARS	1985 DOLLARS	1985 DOLLARS/KILOGRAMS
1904	58000	26308	36620	101722	318899	12.12
1905	236000	107047	100000	277777	870833	8.14
1906	642000	291206	80704	224177	702797	2.41
1907	1478000	670409	92751	257641	807706	1.20
1908	2448000	1110394	111118	308661	967652	.87
1909	3066000	1390714	94965	263791	826986	.59
1910	2196000	996088	54699	151941	476337	.48
1911	1706000	773828	170890	474694	1488167	1.92
1912	1872000	849124	315781	877169	2749926	3.24
1913	1188526	539106	420386	1167738	3660861	6.79
1914	643988	292108	546749	1518747	4761272	16.30
1915	426641	193521	379657	1054602	3306179	17.08
1916	1020244	462774	762327	2117575	6638597	14.35
1917	815098	369722	1122779	3118830	9777533	26.45
1918	881931	400037	1615130	4486472	14065090	35.16
1919	747986	339280	1009479	2804108	8790879	25.91
1920	736932	334266	1603736	4454822	13965867	41.78
1921	204098	92577	502370	1395472	4374805	47.26
1922	507764	230317	1080873	3002425	9412602	40.87
1923	1476697	669818	1803872	5010755	15708718	23.45
1924	1279777	580497	1662526	4618127	14477830	24.94
1925	1466262	665085	2328517	6468102	20277502	30.49
1926	664778	301538	1136014	3112367	9757271	32.36
1927	880590	399428	1764534	4887905	15323584	38.36
1928	954860	433117	1671900	4657103	14600018	33.71
1929	929415	421575	1801915	4950315	15519240	36.81
1930	694163	314867	1144007	3231658	10131248	32.18
1931	521051	236344	651179	1955492	6130468	25.94
1932	490631	222546	587957	1953345	6123738	27.52
1933	466702	211692	597752	2019432	6330920	29.91
1934	594671	269738	592497	1974990	6191593	22.95
1935	681419	309086	512705	1703338	5339967	17.28
1936	887592	402604	803580	2583858	8100396	20.12
1937	907064	230000	848145	2650453	8309170	36.13
1938	459226	208301	790913	2479351	7772765	37.32
1939	732561	332284	1213454	3827930	12000562	36.12
1940	794359	360315	1235220	3731782	11699138	32.47
1941	263257	119411	255904	716817	2247224	18.82
1942	83871	38043	88444	237115	743356	19.54
1943	175961	79814	191407	495873	1554562	19.48
1944	36283	16457	34106	85478	267975	16.28
1945	109123	49497	90026	220651	691743	13.98
1946	75848	34404	64471	153502	481229	13.99
1947	578403	262359	955917	2091722	6557548	24.99
1948	1545744	701137	2624410	5115808	16038061	22.87
1949	619065	280803	952469	1776994	5570877	19.84
1950	583806	264809	964003	1759129	5514871	20.83
1951	951607	431641	1999612	3272687	10259875	23.77
1952	1421923	644973	3226903	5065781	15881225	24.62
1953	1602545	726902	4013077	6309869	19781441	27.21
1954	2252965	1021927	5912997	9153246	28695426	28.08
1955	3296270	1495162	8510314	13092790	41045899	27.45
1956	3392543	1538831	8781626	13029118	40846287	26.54
1957	3750596	1701241	7541258	10961130	34363145	20.20
1958	2436064	1104980	4864767	6972445	21858616	19.78
1959	2835684	1286244	5414246	7604278	23839411	18.53
1960	3258401	1477985	6312921	8755785	27449386	18.57
1961	2884420	1308350	4309812	5944706	18636454	14.24
1962	2649193	1201653	4765808	6484092	20327630	16.92
1963	2156732	978277	4409262	5894735	18479995	18.89
1964	2212016	1003353	4259215	5553083	17408916	17.35
1965	2620810	1188779	5511436	6967681	21843681	18.37
1966	2684235	1217548	5464495	6407611	20714863	17.01
1967	2929470	1328785	5967044	6946500	21777279	16.39
1968	3221025	1461032	6957851	7844251	24591728	16.83
1969	2553583	1158285	5421046	5847946	18333311	15.83
1970	3692529	1674902	8211391	8482842	26593709	15.88
1971	3511207	1592656	7650337	7650337	23983806	15.06
1972	2593814	1176534	6387560	6089189	19089609	16.23
1973	2528297	1144816	6913957	6080876	19063549	16.62
1974	2775392	1258896	8141841	6291994	19725403	15.67
1975	2399759	1088512	10277852	7015598	21993902	20.21
1976	2532997	1148948	10942034	6821717	21386083	18.61
1977	2784530	1263041	16052589	9349207	29309765	23.21
1978	1999628	907016	24026091	13150569	41227036	45.45
1979	2817375	1277939	86299973	42999488	134803396	105.49
1980	3716879	1685948	106900800	48002155	150486756	89.26
1981	4037367	1831319	94392310	38324121	120146119	65.61
1982	2130293	964285	28258083	10305646	32308201	33.44
1983	2259226	1024768	16602079	5715001	17916529	17.48
1984	3559219	1614435	37027130	12412715	38913863	24.10
1985	3695300	1676160	57462117	18329224	57462117	34.28
TOTAL	135972281	61494518		491856169	1541969173	



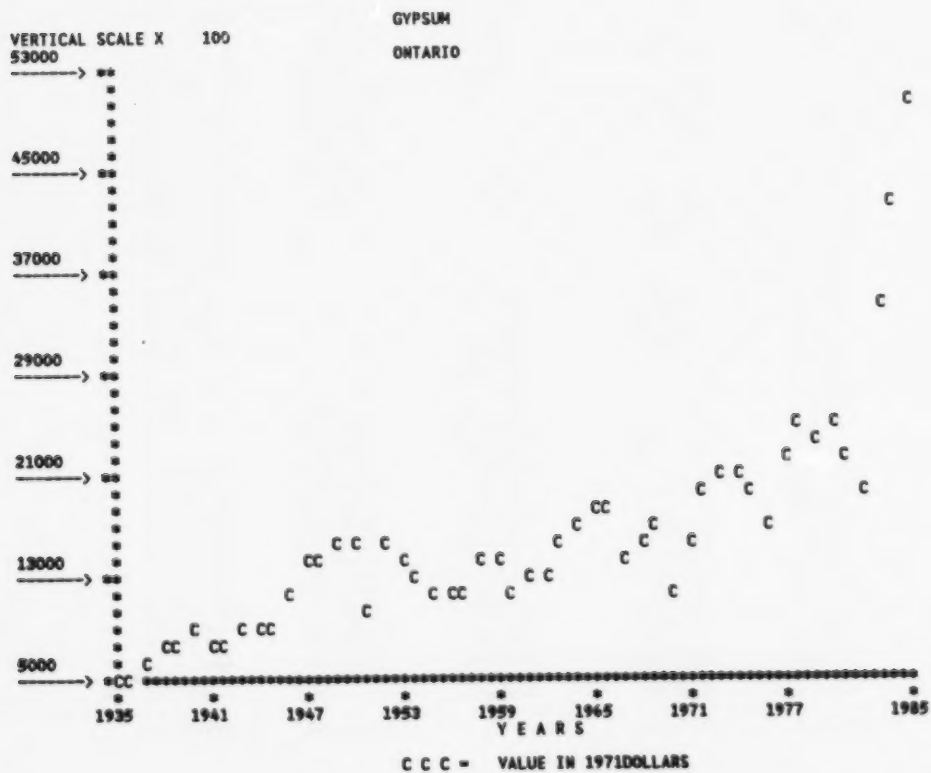
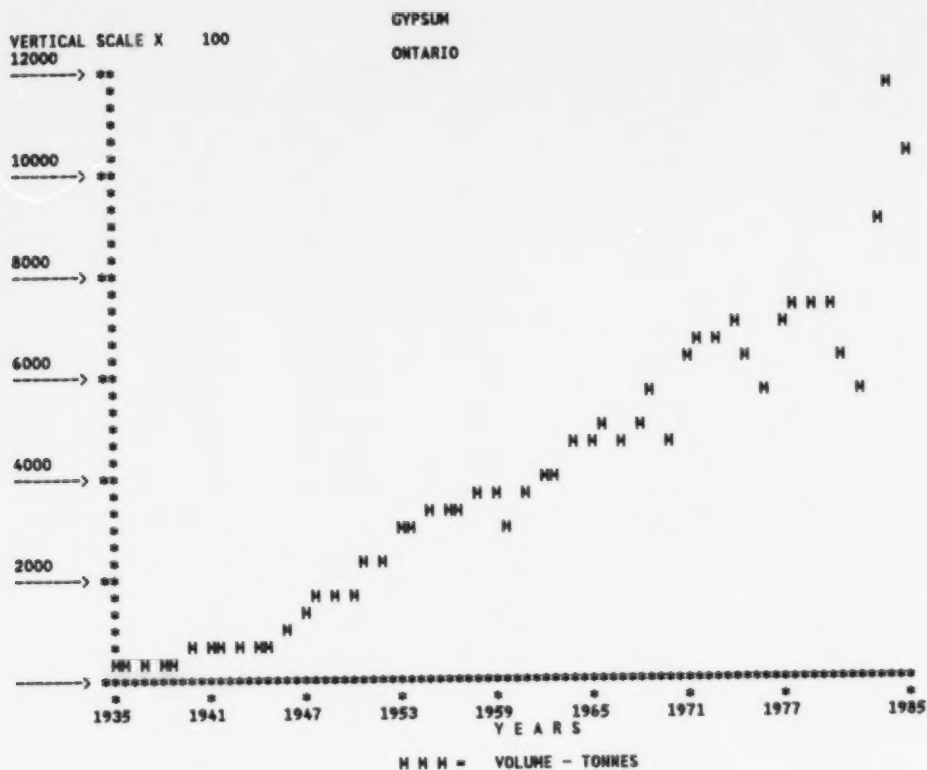
VOLUME AND VALUE OF PRODUCTION OF COPPER
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	POUNDS	KILOGRAMS	DOLLARS	1971 DOLLARS	1985 DOLLARS	1985 DOLLARS/KILOGRAMS
1901	8444000	3830133	550806	1530016	4796602	1.25
1902	8456000	3835577	644845	1791236	5615525	1.46
1903	14462000	6559852	716806	1991127	6242185	.95
1904	4326000	1962240	297126	825350	2587472	1.32
1905	9050000	4105010	688993	1913869	5999980	1.46
1906	12064000	5472138	960813	2668925	8367079	1.53
1907	13750000	6236895	1045511	2904197	9104658	1.46
1908	15122000	6859223	1071140	2975388	9327844	1.36
1909	15865264	7196362	1127016	3130600	9814431	1.36
1910	19260000	8736189	1374103	3816952	11966147	1.37
1911	18042000	8183713	1281591	3559975	11160521	1.36
1912	22252000	10093337	1584310	4400861	13796699	1.37
1913	25882868	11740271	1840492	5112477	16027617	1.37
1914	28904814	13111003	2081332	5781477	18124933	1.38
1915	39255484	17805988	3925118	10903105	34181236	1.92
1916	45016875	20419311	8332253	23145147	72560037	3.55
1917	42927755	19471702	7961193	22114425	69328723	3.56
1918	47113920	21370514	8474448	23540133	73798318	3.45
1919	24546071	11133910	3609687	10026908	31434357	2.82
1920	30227016	13710743	3965695	11015819	34534594	2.52
1921	10503179	4764161	1101730	3060361	9594232	2.01
1922	19917563	9034454	2067365	5742680	18003303	1.99
1923	28108707	12749895	3456073	9600202	30096635	2.36
1924	34580644	15685517	3819797	10610547	33264065	2.12
1925	39659791	17989378	4738432	13162311	41263845	2.29
1926	41312867	18739201	4828964	13230038	41476170	2.21
1927	45341295	20566445	4946533	13702307	42956734	2.09
1928	68400738	31026053	8770149	24429384	76586119	2.47
1929	88880853	40315677	14622609	40172002	125939227	3.12
1930	127708478	57927591	14056224	39706847	124480966	2.15
1931	112882625	51202697	8907069	26747954	83854638	1.64
1932	77055413	34951747	4407928	14644279	45909815	1.31
1933	145504720	65999831	10118847	34185294	107170898	1.62
1934	205059539	93013443	14822704	49409013	154897258	1.67
1935	252027928	114317945	19295965	64106196	200972926	1.76
1936	287914078	130595630	26898920	86491705	271151496	2.08
1937	313266041	142095086	40564887	126765272	397409128	2.80
1938	309030106	140173700	30405500	95315047	298812672	2.13
1939	328429665	148973190	32637305	102956798	322769564	2.17
1940	347931013	157818852	34742229	104961418	329054044	2.09
1941	333829767	151422636	33192644	92976594	291481628	1.92
1942	308282415	139834552	30625404	82105640	257401182	1.84
1943	277840533	126026346	32194369	83405102	261474992	2.07
1944	285307278	129413206	33845632	84826146	265929966	2.05
1945	239457242	108615978	29772270	72971250	228764868	2.11
1946	179430423	81388271	22503827	53580540	167974994	2.06
1947	227873343	103361610	46019294	100698674	315690344	3.05
1948	240687191	109173874	53366733	104028719	326130036	2.99
1949	226085423	102550624	44658786	83318631	261203906	2.55
1950	234420544	106331370	54411033	99290206	311274796	2.93
1951	257616806	116853018	70861788	115976740	363587080	3.11
1952	250715175	113722491	70981618	111431112	349336536	3.07
1953	261164653	118462295	77587440	121992830	382447524	3.23
1954	281552361	127710003	81343536	125918786	394755392	3.09
1955	292813108	132817792	107251943	165002988	517284376	3.89
1956	312541701	141766530	128552450	190730638	597940560	4.22
1957	34306269	155766464	98488877	143152436	448782892	2.88
1958	284069476	128851747	71267895	102103001	320092908	2.48
1959	376544371	170797654	110547037	155262694	486748540	2.85
1960	412544528	187127050	123750235	171636942	538081816	2.88
1961	423293547	192002724	122421860	168857738	529369008	2.76
1962	377990690	171453694	116347723	158296222	496258656	2.89
1963	357919536	162349572	112048454	149797398	469614844	2.89
1964	395833331	179546980	131458795	171393476	537318544	2.99
1965	432544119	196198714	161665138	204380706	640733512	3.27
1966	405951287	184136408	181375552	219317476	687560288	3.73
1967	552291827	250515358	261814899	304790336	955517712	3.81
1968	581236227	263644318	278313194	313769104	983666144	3.73
1969	477619761	216644680	244300501	263538838	826194264	3.81
1970	590184892	267703366	340839782	352107216	1103856128	4.12
1971	604739883	274305396	317527865	317527864	995449848	3.63
1972	579445166	262831908	293493836	279784404	877124104	3.34
1973	574644559	260655296	365305858	321289236	1007241752	3.86
1974	625886355	283897276	483995146	374030256	1172584848	4.13
1975	568303206	257778000	361431937	246711220	773439680	3.00
1976	573637656	260197644	391377336	244000834	764942616	2.94
1977	617154302	279936484	427980593	249260680	781432240	2.79
1978	434397447	197039368	323999680	177339724	555960040	2.82
1979	425373435	192946146	457472114	227938274	714586488	3.70
1980	540186384	245024420	631187524	283425024	888537440	3.63
1981	499093006	226384780	521019544	211538588	663173472	2.93
1982	347996940	157848757	298008470	108682885	340720844	2.16
1983	499999960	226796167	457348815	157435048	493558880	2.18
1984	644682952	292423266	537391499	180151356	564774504	1.93
1985	617349448	280025000	554169000	176768422	554169000	1.98
TOTAL	21702423835	9844053877		9144689636	28648602085	



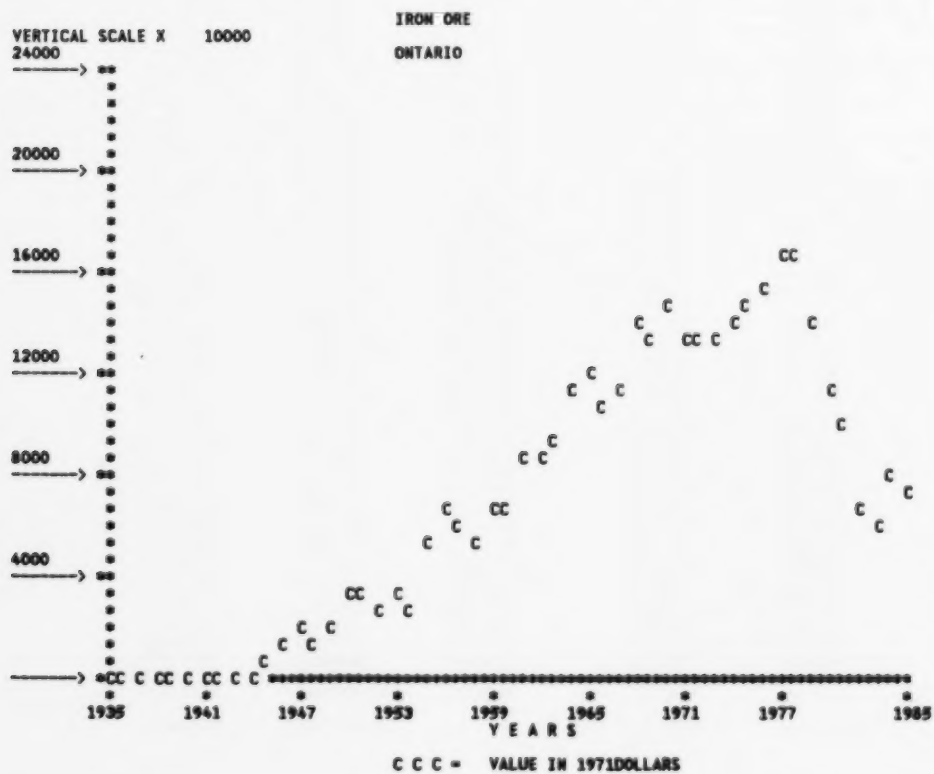
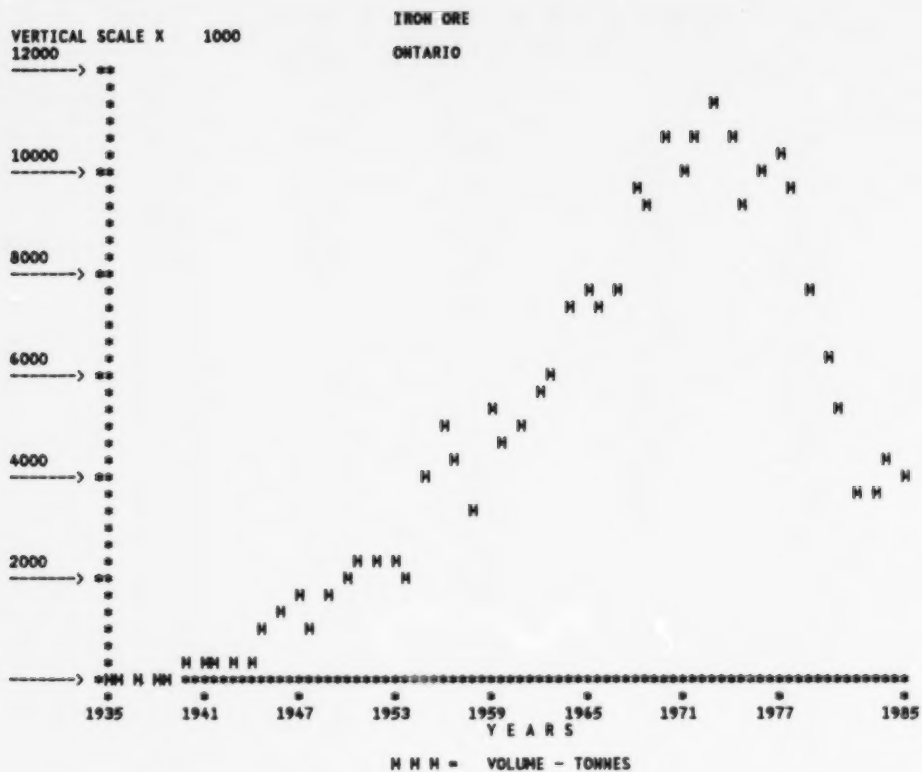
VOLUME AND VALUE OF PRODUCTION OF GOLD
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	TROY OUNCES	GRAMS	DOLLARS	1971 DOLLARS	1985 DOLLARS	1985 DOLLARS/GRAMS
1901	14298	444717	244350	678750	2127881	4.78
1902	8636	268609	229839	638441	2001514	7.45
1903	5935	184599	185807	516130	1618069	8.77
1904	647	20123	16130	44805	140465	6.98
1905	5429	168860	100612	279477	876162	5.19
1906	3442	107058	66389	184413	578137	5.40
1907	3821	118846	66560	184888	579626	4.88
1908	3475	108084	60084	166900	523231	4.84
1909	2051	63793	32745	90958	285154	4.47
1910	3619	112563	68498	190272	596503	5.30
1911	2185	67961	43264	120177	376757	5.54
1912	102278	3181201	2133589	5926636	18580004	5.84
1913	220625	6862204	4544122	12622561	39571729	5.77
1914	268203	8342045	5545025	15402847	48287926	5.79
1915	407128	12663096	8409750	23360416	73234907	5.78
1916	497525	15474757	10332880	28702444	89982164	5.81
1917	420855	13090053	8697947	24160964	75744622	5.79
1918	411876	12810775	8502482	23618005	74042448	5.78
1919	505962	15737177	10451708	29032522	91016958	5.78
1920	565703	17595330	13067854	36299594	113799229	6.47
1921	712570	22163404	16085413	44681703	140077138	6.32
1922	995850	30974397	20788693	57746369	181034870	5.84
1923	974221	30301660	20417049	56714025	177798470	5.87
1924	1241726	38621996	25872600	71868334	225307226	5.83
1925	1461111	45445632	30152453	83756814	262577612	5.78
1926	1497312	46571609	30952317	84800869	265850724	5.71
1927	1627048	50606849	33679706	93295584	292481656	5.78
1928	1578412	49094101	32631922	90896718	284961208	5.80
1929	1622253	50457708	33696819	92573678	290218480	5.75
1930	1736009	53995915	35923157	101477845	318133040	5.89
1931	2085815	64876098	45016930	135185974	423808028	6.53
1932	2287391	71145813	53418277	177469360	556366448	7.82
1933	2155610	67046965	60752124	205243662	643438888	9.60
1934	2105338	65483331	72808295	242694318	760846688	11.62
1935	2220426	69062968	78067209	259359500	813092032	11.77
1936	2389558	74323562	83308201	267872030	839778816	11.30
1937	2587090	80467494	90508688	282839652	856702304	11.02
1938	2896477	90090505	101945441	319578184	1001877608	11.12
1939	3086060	95987195	112114762	353674328	1108769024	11.55
1940	3261688	101449837	125579597	379394556	1189401936	11.72
1941	3194309	99354116	122977102	344473676	1079924992	10.87
1942	2763822	85964473	106413978	285292164	894390936	10.40
1943	2117214	65852716	81517998	211186524	642069752	10.05
1944	1731838	53866183	66675000	167105264	523875000	9.73
1945	1625367	50554564	62576089	153372768	480823624	9.51
1946	1801294	56026506	65998448	157139162	492631272	8.79
1947	1939317	60319501	67876390	148526018	465629068	7.72
1948	2095424	65174971	73339904	142962776	448188308	6.88
1949	2354510	73233447	85269362	159084632	498730316	6.81
1950	2481113	77171241	94216874	171928602	538996168	6.98
1951	2462978	76607179	91105477	149108800	467456092	6.10
1952	2513701	78184841	87540620	137426406	430831780	5.51
1953	2182438	67881410	75388307	118535074	371607456	5.47
1954	2361387	73447346	80460251	124551472	390468864	5.32
1955	2523040	78475316	87223660	134190246	420686424	5.36
1956	2513912	78191403	86489962	128323386	402293820	5.14
1957	2578206	80191170	86621067	125902713	394705008	4.92
1958	2716514	84493030	92192231	132080560	414072556	4.90
1959	2683449	83464594	90083383	126521606	396645232	4.75
1960	2732673	84995631	92774248	128674407	403394268	4.75
1961	2637720	82042263	93533551	129011794	404451976	4.93
1962	2421249	75309262	90578924	123236431	386346840	5.13
1963	2338854	72746491	88291739	118037083	370046260	5.09
1964	2155370	67039500	81365217	106082422	332568392	4.96
1965	1946003	60527459	73420747	92820161	290991204	4.81
1966	1660750	51655099	62626883	75727791	237406624	4.60
1967	1495385	46511672	56450784	65716861	206022360	4.43
1968	1379779	42915924	52031466	58660052	183899262	4.29
1969	1229666	38246888	46346112	49995806	156736854	4.10
1970	1162042	36143546	42484255	43888693	137591054	3.81
1971	1133987	35270938	40079636	40079636	125649658	3.56
1972	1019303	31703867	58720007	55977128	175488296	5.54
1973	922303	28686830	89843380	79017924	247721194	8.44
1974	801105	24917150	124427629	96157365	301453336	12.10
1975	755148	23487728	123678894	84422454	264664394	11.27
1976	739547	23002483	91043412	56760232	177943328	7.74
1977	739122	22989264	116107936	67622560	211996726	9.22
1978	701035	21804625	154513020	84571986	265133176	12.16
1979	616422	19172867	221473644	110350595	345949112	18.04
1980	594708	18497499	403893082	181361960	568596736	30.74
1981	588612	18307895	333797134	135524618	424869676	23.21
1982	647414	20136843	306786475	111884199	350756964	17.42
1983	747833	23260217	389337983	134023402	420163372	18.06
1984	894461	27820870	413229920	138528300	434286220	15.61
1985	1018214	31670000	440596000	140540990	440596000	13.91
TOTAL	119694196	3722905708		9229731602	28935208632	



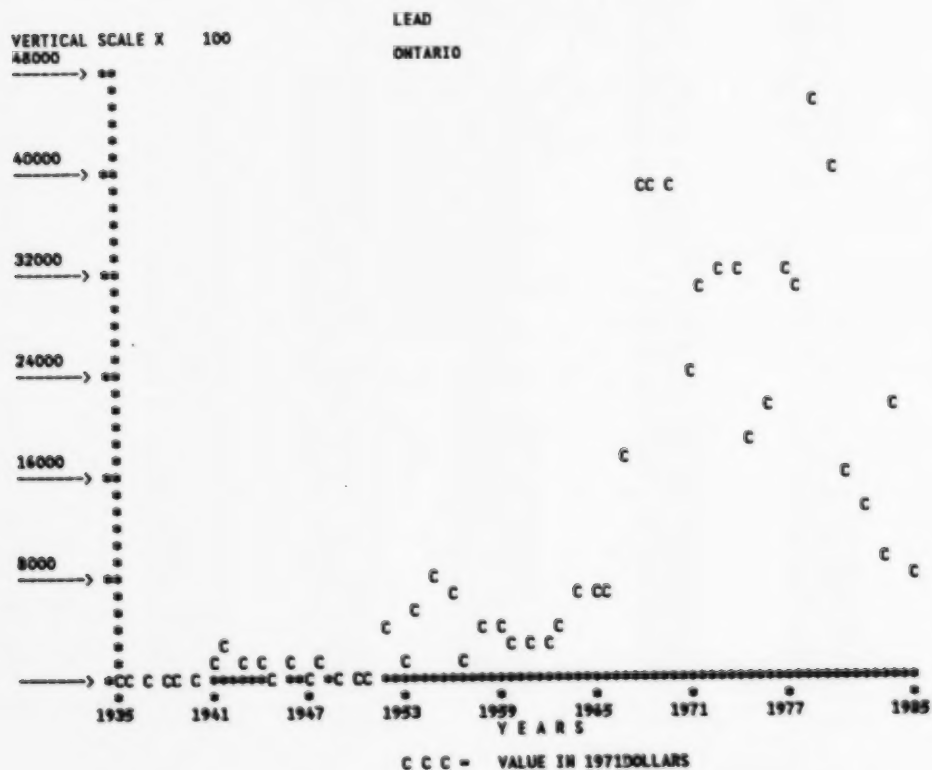
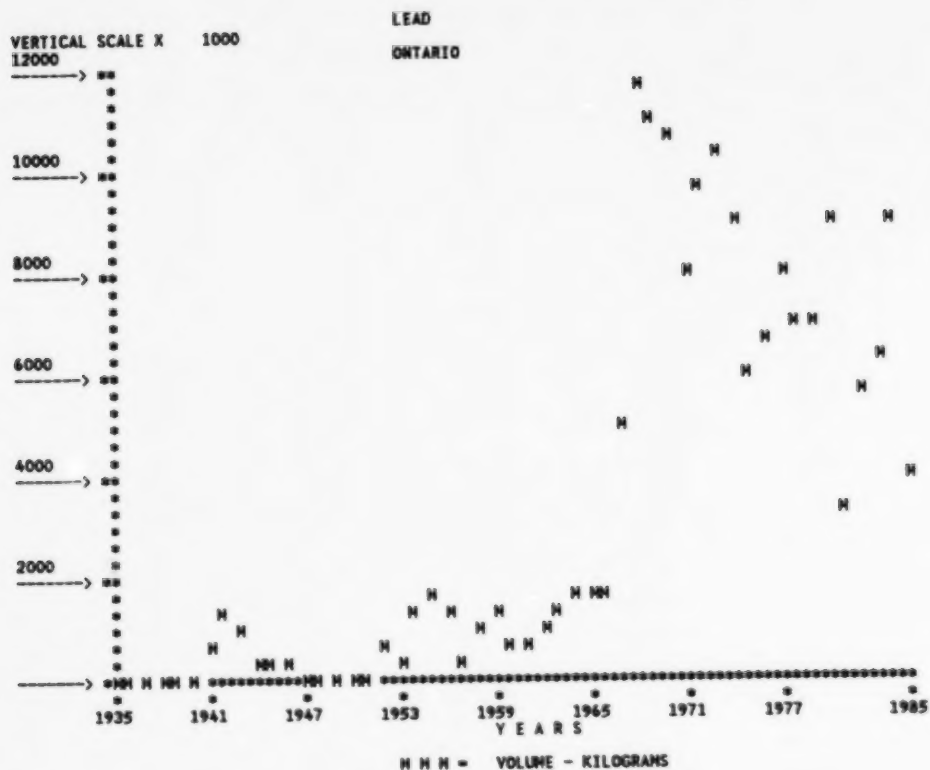
VOLUME AND VALUE OF PRODUCTION OF GYPSUM
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE 1985 DOLLARS/TONNES
	SHORT TONS	TONNES	DOLLARS	1971 DOLLARS	1985 DOLLARS	
1901	2305	2091	15662	43505	136389	65.23
1902	3834	3478	19149	53191	166755	47.95
1903	4740	4300	21988	61077	191478	44.53
1904	7802	7077	29024	80622	252750	35.71
1905	4206	3815	27951	77641	243406	63.80
1906	4711	4273	25095	69708	218535	51.14
1907	10186	9240	19652	54588	171136	18.52
1908	10389	9424	20778	57716	180941	19.20
1909	11488	10421	23604	65566	205551	19.72
1910	10043	9110	17825	49513	155226	17.04
1911	20335	18447	32535	90375	283325	15.36
1912	31331	28423	50246	139572	437558	15.39
1913	40581	36814	92627	257297	804626	21.91
1914	74300	67403	221175	614375	1926065	28.58
1915	81172	73638	200422	556727	1745341	23.70
1916	36668	33264	116208	322800	1011978	30.42
1917	48943	44400	130138	361494	1133285	25.52
1918	38214	34667	151564	421011	1319869	38.07
1919	59899	54339	278111	772530	2421883	44.57
1920	74707	67773	404162	1122672	3519577	51.93
1921	84790	76920	433053	1202925	3771169	49.03
1922	110227	99996	621668	1724855	5413692	54.14
1923	99958	90680	542317	1506436	4722677	52.08
1924	88121	79942	467097	1297491	4067636	50.88
1925	82020	74407	491833	1366202	4260671	52.19
1926	89987	81634	496059	1359065	4348080	57.06
1927	83998	76201	500688	1386947	4831489	62.06
1928	85811	77846	553271	1541144	7171648	78.78
1929	100347	91033	832689	2287607	6872814	79.79
1930	94946	86133	776069	2192285	3525406	72.83
1931	53358	48405	374469	1124531	1939075	59.95
1932	35655	32345	186176	618524	1189594	53.61
1933	24460	22189	112319	379456	1477515	49.01
1934	33234	30149	141389	471296	1716511	49.47
1935	38247	34697	164807	547531	1842523	50.54
1936	40191	36460	182783	587726	2291440	46.97
1937	53780	48788	233895	730921	2382894	45.68
1938	57503	52165	242470	760094	2579135	47.83
1939	59440	53923	260793	822690	2969365	43.49
1940	75271	68284	313512	947166	2427728	29.54
1941	90599	82190	276459	774394	2556495	34.04
1942	82795	75110	304170	815469	2725963	32.50
1943	92448	83867	335637	869525	2741145	33.47
1944	90288	81907	348873	874368	2962236	35.43
1945	92174	83618	385516	944892	3664815	32.97
1946	122527	111154	490980	1169000	4606789	32.71
1947	155249	140839	671548	1500982	4705580	28.45
1948	182303	165382	770004	1625871	5097106	27.65
1949	203187	184328	871467	1597111	5006943	27.69
1950	199314	180814	875217	1100288	3449403	14.48
1951	262581	238209	672276	1464723	5218908	20.62
1952	278992	253097	1060429	1414512	4434496	14.61
1953	334495	303448	822094	1272591	3989573	12.30
1954	357432	324256	808424	1243729	3899091	11.73
1955	366416	332407	840829	1247520	3910977	11.75
1956	366956	332896	853199	1240114	3887759	11.29
1957	379621	344386	1059990	1518037	4759046	12.32
1958	425733	386218	1017340	1428848	4479439	11.98
1959	412100	373850	871408	1208610	3788993	11.75
1960	355603	322597	991944	1368198	4289302	11.12
1961	425287	385813	1007818	1371180	4298652	10.89
1962	435140	394752	1225301	1638102	5135452	12.89
1963	439206	398440	1376992	1795295	5628252	11.99
1964	517239	469231	1444293	1825907	5724220	11.86
1965	531918	482547	1581010	1911741	5993308	11.69
1966	565185	512727	1268365	1476599	4629015	9.51
1967	536375	486591	1461189	1647338	5164405	9.97
1968	570715	517743	1597938	1723773	5404029	9.58
1969	622058	564321	1195424	1234942	3871543	7.94
1970	537271	487404	1656421	2057417	5192879	8.19
1971	699041	634159	2158231	2105211	6599836	9.79
1972	726491	659061	2393625	2151112	6743736	9.60
1973	754330	684316	2936056	2004133	6282959	9.96
1974	774398	702522	2680192	1670942	5238405	9.13
1975	695117	630600	3991126	2324476	7287233	10.42
1976	632757	574028	4524758	2476605	7764157	10.27
1977	770945	699390	4831117	2407133	7546363	10.15
1978	833013	755697	5728570	2572326	8064241	10.90
1979	819580	743511	5477033	2223724	6971375	10.73
1980	815743	740030	9516064	2011693	6306659	10.96
1981	716002	649546	9937629	3420870	10724429	11.82
1982	633108	574346	12715999	4262688	13362527	11.29
1983	999843	907042	15823000	5047208	15823000	15.11
1984	1304248	1183194				
1985	1154119	1047000				
TOTAL	24327140	22069178		107493920	336993519	



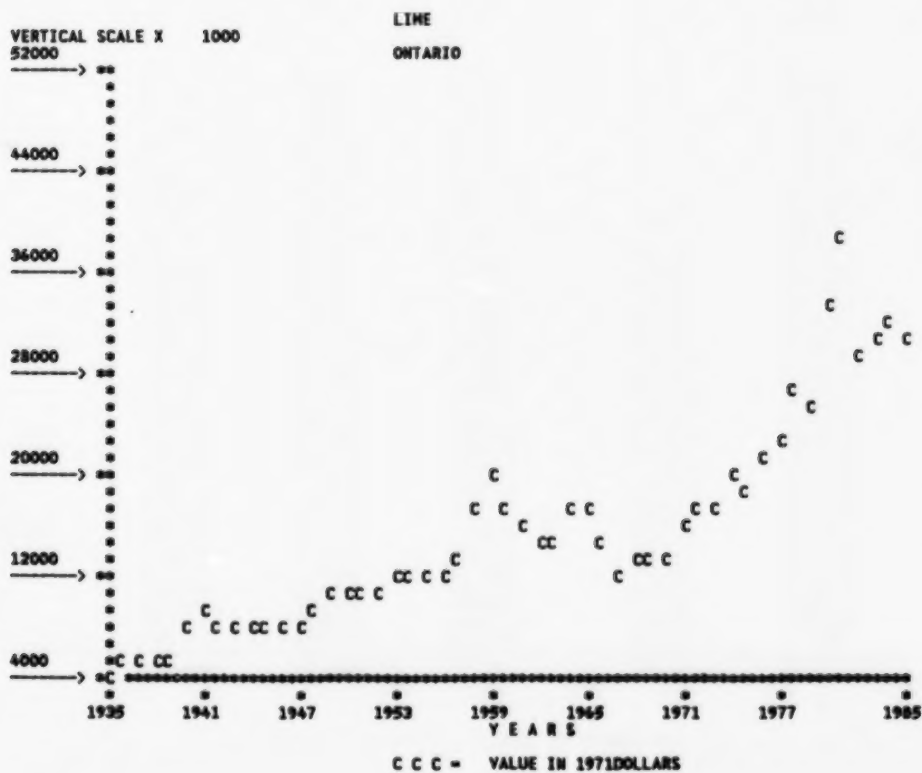
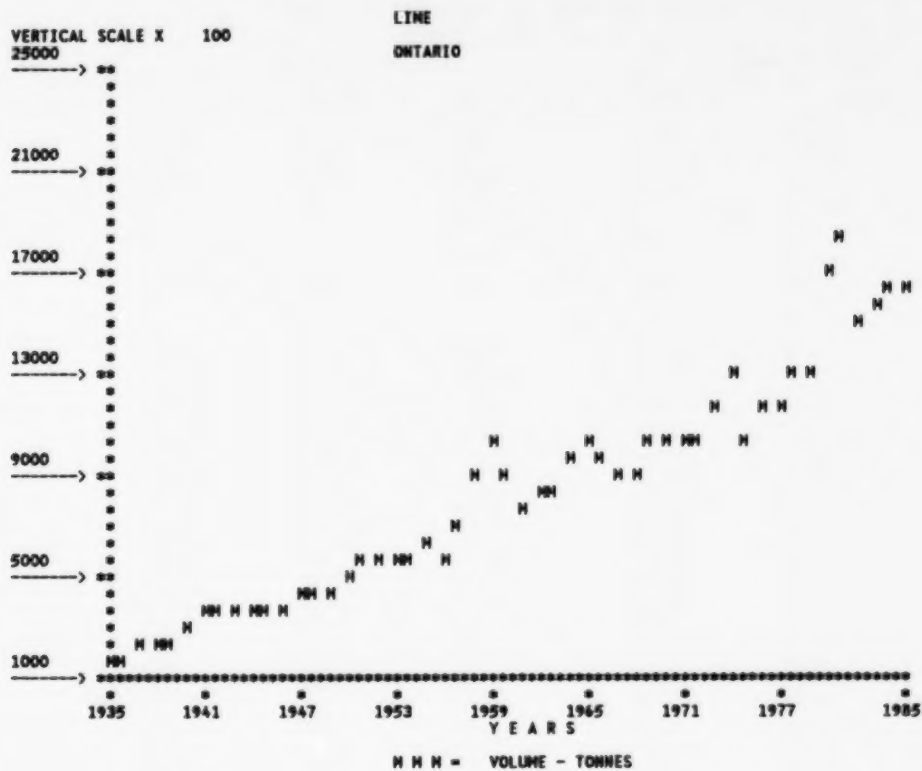
VOLUME AND VALUE OF PRODUCTION OF IRON ORE
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE 1985 DOLLARS/TONNES
	SHORT TONS	TONNES	DOLLARS	1971 DOLLARS	1985 DOLLARS	
1901	273354	247982	152578	423827	1328700	5.36
1902	359288	325940	518445	1440125	4514791	13.85
1903	208154	188834	450099	1250275	3919612	20.76
1904	128253	116349	273067	758519	2377958	20.44
1905	211597	191957	227909	633080	1984707	10.34
1906	128099	116209	301032	836200	2621487	22.56
1907	205295	186240	482532	1340364	4202049	22.56
1908	216177	196112	593760	1649333	5170660	26.37
1909	263777	239294	645622	1793394	5622291	23.50
1910	230656	209247	513721	1427002	4473653	21.38
1911	175631	159329	445929	1238691	3883298	24.37
1912	117357	106464	238883	643563	2080272	19.54
1913	195937	177751	424072	1177977	3692960	20.78
1914	240059	217777	531379	1476052	4627425	21.25
1915	394053	357478	764515	2123652	6657651	18.62
1916	320487	290740	763136	2119822	6645642	22.86
1917	297239	269650	823742	2288172	7173419	26.60
1918	228479	207272	1023077	2841880	8909295	42.98
1919	195915	177731	688452	1912364	5995269	33.73
1920	126710	114949	510000	1416664	4441250	38.64
1921	58508	53077	227134	630927	1977958	37.27
1922	16191	14688	52055	144597	453312	30.86
1923	30451	27624	113543	315397	988770	35.79
1924	44	39	110	305	957	24.54
1925	0	0	0	0	0	.00
1926	0	0	0	0	0	.00
1927	0	0	0	0	0	.00
1928	0	0	0	0	0	.00
1929	0	0	0	0	0	.00
1930	0	0	0	0	0	.00
1931	0	0	0	0	0	.00
1932	0	0	0	0	0	.00
1933	0	0	0	0	0	.00
1934	0	0	0	0	0	.00
1935	0	0	0	0	0	.00
1936	0	0	0	0	0	.00
1937	0	0	0	0	0	.00
1938	0	0	0	0	0	.00
1939	123598	112126	341594	1077583	3378224	30.13
1940	404752	367184	1183861	3576619	11212701	30.54
1941	516037	468140	1426057	3994557	12522937	26.75
1942	545119	494523	1516142	4064723	12742909	25.77
1943	498850	452549	1452250	3762305	11794828	26.06
1944	553252	501901	1909608	4785985	15004062	29.89
1945	1135444	1030057	3635095	8909544	27931428	27.12
1946	1549523	1405703	6822947	16245112	50928426	36.23
1947	1919366	1741219	9313201	20378995	63888151	36.69
1948	1336565	1212511	7482860	14586471	45728589	37.71
1949	2011736	1825016	13192781	24613397	77163001	42.28
1950	2435716	2209644	17562059	32047552	100469078	45.47
1951	2841984	2578204	21205152	34705650	108802213	42.20
1952	2717490	2465265	19632551	30820331	94621738	39.19
1953	2832090	2569228	23137997	36380498	114052863	44.39
1954	2416911	2192584	20341203	31487930	98714661	45.02
1955	4362191	3957313	34340897	52832149	165628790	41.85
1956	5558203	5042316	44177246	65544875	205483186	40.75
1957	4867105	4415363	41317629	60054693	188271464	42.64
1958	3644952	3306444	36851421	52795732	165514620	50.06
1959	6018089	5459518	50830404	71391017	223810838	40.99
1960	5325197	4830937	48399442	67128213	210446950	43.56
1961	5772664	5236872	62350773	86001064	269613344	51.48
1962	6414936	5819532	64479510	87727225	275024848	47.26
1963	6749617	6123149	70033690	93627927	293523552	47.94
1964	8046769	7299906	85613354	111621062	349932028	47.94
1965	8475218	7688588	94209236	119101436	373383000	48.56
1966	8144289	7388374	91700740	110883604	347620096	47.05
1967	8649763	7846933	99903925	114302590	364608620	46.47
1968	10907197	9894842	127137824	143334638	449354088	45.41
1969	10516786	9540667	128166423	138259356	433443088	45.43
1970	11828337	10730486	144765483	149551120	468842764	43.69
1971	11178670	10141118	136205400	136205400	427003928	42.11
1972	11759336	10644261	139514537	132997654	416947644	39.10
1973	12424318	11271151	152468574	134097250	420394880	37.30
1974	12021608	10905819	180089730	139172898	436307036	40.01
1975	10476161	9503813	219024019	149504452	468696460	49.32
1976	11112149	10080772	252317984	157309476	493152672	48.92
1977	11375475	10319457	287810755	147624202	525501876	50.92
1978	10582190	9600001	308364931	168783212	529135372	55.12
1979	8680634	7874938	287190991	143094664	448601772	54.97
1980	7241227	6569131	261998580	117646421	368821528	56.14
1981	5946551	5394620	245462549	99659988	312434060	57.92
1982	4023719	3650257	193445956	70549218	221171796	60.59
1983	4206088	3815698	183793038	63267827	198344640	51.98
1984	5016240	4595067	236346856	79231933	248392110	54.58
1985	4620889	4192000	227515000	72572568	227515000	54.27
TOTAL	274402712	248933920		3659209308	11471621245	



VOLUME AND VALUE OF PRODUCTION OF LEAD
IN ONTARIO

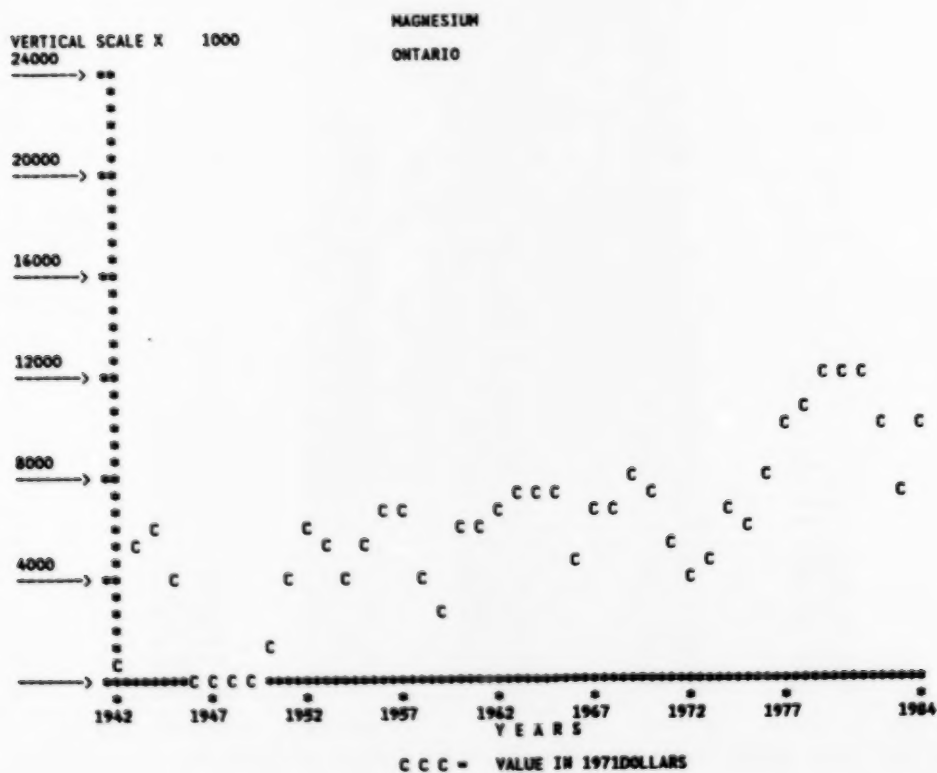
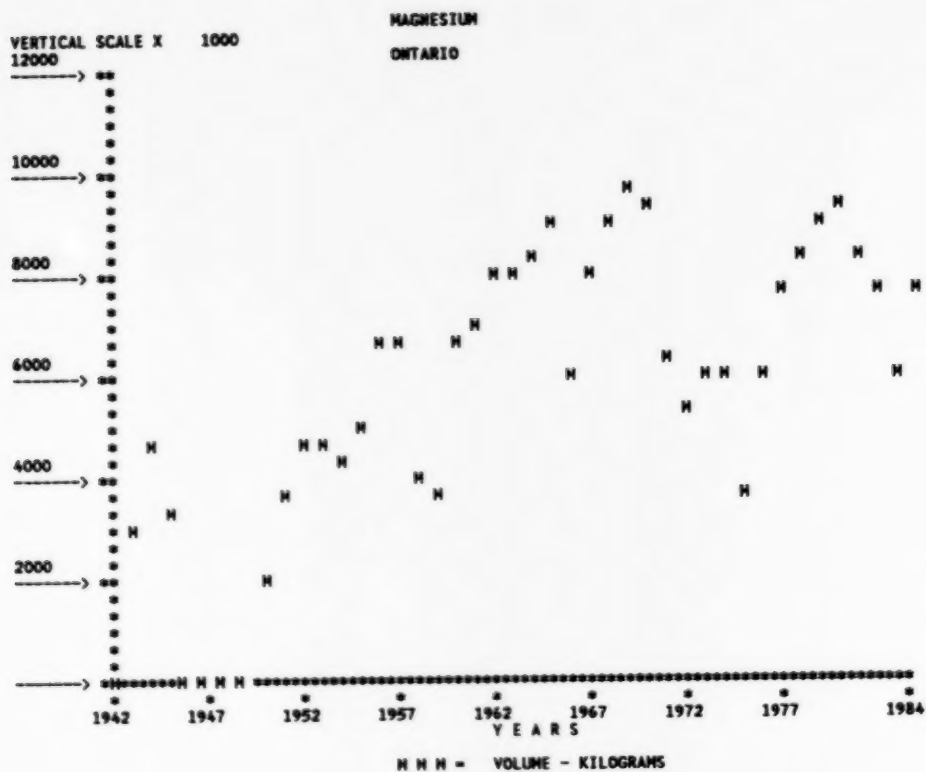
YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	POUNDS	KILOGRAMS	DOLLARS	1971 DOLLARS	1985 DOLLARS	
1903	50000	22679	1500	4166	13062	.58
1904	84000	39008	2500	6944	21770	.56
1905	282000	127913	9000	25000	78375	.61
1906	2200000	997903	93000	258333	809875	.81
1907	0	0	0	0	0	.00
1908	0	0	0	0	0	.00
1909	0	0	0	0	0	.00
1910	0	0	0	0	0	.00
1911	0	0	0	0	0	.00
1912	52000	23584	1290	3583	11233	.48
1913	0	0	0	0	0	.00
1914	0	0	0	0	0	.00
1915	0	0	0	0	0	.00
1916	796833	361437	70863	196841	617098	1.71
1917	1775674	805432	172849	480136	1505226	1.87
1918	1670251	757613	149841	416225	1304865	1.72
1919	1480987	671764	94507	262519	822998	1.23
1920	2232253	1012532	179714	499205	1565009	1.55
1921	3576222	1622147	191113	530869	1644275	1.03
1922	2895695	1313465	173742	482616	1513003	1.15
1923	5256623	2384364	347886	966350	3029507	1.27
1924	5506756	2497822	419405	1165013	3652318	1.46
1925	7268193	3296796	601704	1671400	5239839	1.59
1926	7398796	3356037	580730	1591041	4987913	1.49
1927	7990709	3624524	528729	1464623	4591593	1.27
1928	6814757	3091121	402289	1120582	3513025	1.14
1929	4769506	2163411	294449	808925	2535982	1.17
1930	2193856	995116	116034	327779	1027589	1.03
1931	985633	447075	41987	126087	395283	.88
1932	86477	39225	1756	5833	18289	.47
1933	29910	13566	692	2337	7329	.54
1934	21558	9778	525	1750	5486	.56
1935	22532	10220	706	2345	7353	.72
1936	17442	7911	683	2196	6884	.87
1937	29849	13539	1525	4765	14940	1.10
1938	22363	10143	748	2344	7351	.72
1939	39130	17749	1240	3911	12263	.69
1940	345455	156495	11614	35087	109999	.70
1941	1622823	736100	54559	152826	479110	.65
1942	3183159	1443856	107018	286911	899467	.62
1943	2273896	1031421	85362	221145	693289	.67
1944	1065741	483411	47958	120195	376812	.78
1945	668762	303345	33438	81955	254931	.85
1946	699244	317171	47199	112378	352306	1.11
1947	282765	128260	38654	84582	265164	2.07
1948	343883	155982	62037	120929	379115	2.43
1949	0	0	0	0	0	.00
1950	0	0	0	0	0	.00
1951	0	0	0	0	0	.00
1952	1803455	818033	291979	458365	1436976	1.76
1953	656755	297899	84892	133477	418453	1.40
1954	2815611	1277139	375321	580992	1821410	1.43
1955	3853603	1747964	544148	837150	2624467	1.50
1956	3010163	1365386	466876	692694	2171596	1.59
1957	1012545	459291	141354	205456	644105	1.40
1958	2513224	1139979	285502	409028	1282304	1.12
1959	3222447	1461677	341902	480199	1505425	1.03
1960	1661896	753823	177490	246171	771749	1.02
1961	1670535	757741	170562	235257	737533	.97
1962	2287087	1037405	226879	308678	967708	.93
1963	3077814	1396072	338560	452620	1418964	1.02
1964	4054865	1839255	544974	710526	2227501	1.21
1965	3877218	1758676	602518	761714	2387982	1.36
1966	3970467	1800973	593188	717274	2248663	1.25
1967	11058534	5016066	1548195	1802322	5650280	1.13
1968	25800813	11703052	3467629	3909390	12255937	1.05
1969	24193257	10973876	3670117	3959133	12411884	1.13
1970	23920137	10849991	3784166	3909262	12255537	1.13
1971	17830939	8087977	2407177	2407177	7546499	.93
1972	21210868	9621087	3272413	3119554	9779804	1.02
1973	22992009	10428999	3710910	3263773	10231928	.98
1974	20221581	9172354	4187081	3235765	10144126	1.11
1975	13651446	6192191	2766329	1888279	5919755	.96
1976	15224610	6905766	3448831	2150144	6740701	.98
1977	17942009	8138358	5648504	3289751	10313372	1.27
1978	15565022	7060175	5731508	3137114	9834853	1.39
1979	15363345	6968696	9206177	4587033	14380951	2.06
1980	19753105	8999858	9087822	4080746	12793139	1.43
1981	7459387	3383521	4008744	1627585	5102481	1.51
1982	12559364	5696833	3815768	1391600	4362646	.77
1983	14426829	6543900	2865309	986337	3092166	.47
1984	19690357	8931396	6310602	2115521	6632161	.74
1985	9310121	4223000	2437000	777352	2437000	.58
TOTAL	443699173	201258536		72517169	227341402	



VOLUME AND VALUE OF PRODUCTION OF LIME
IN ONTARIO

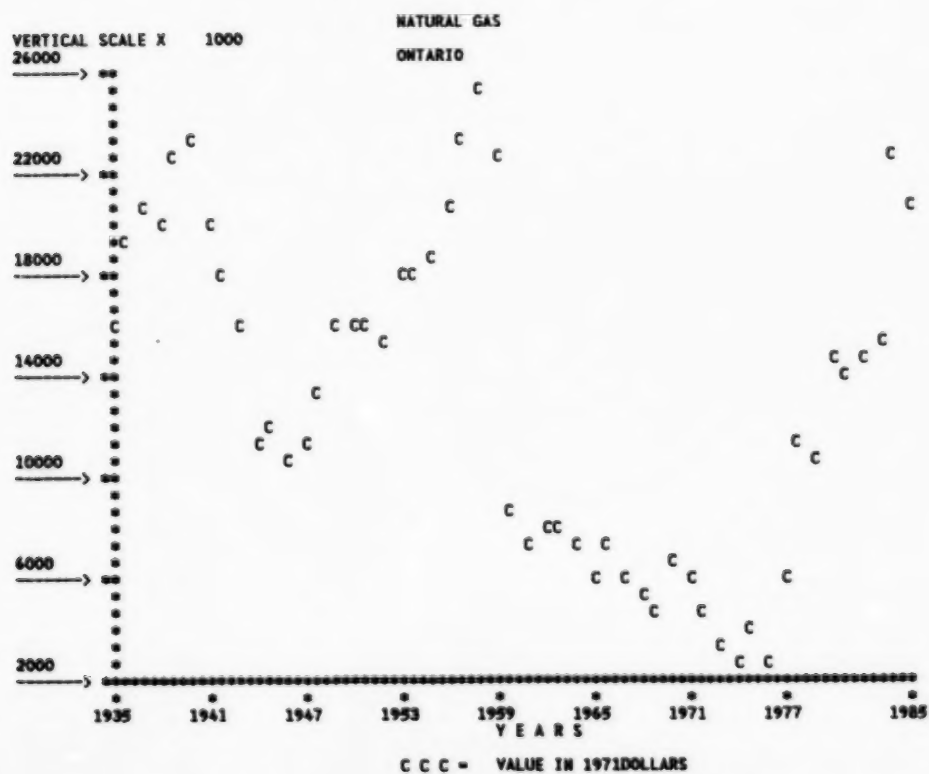
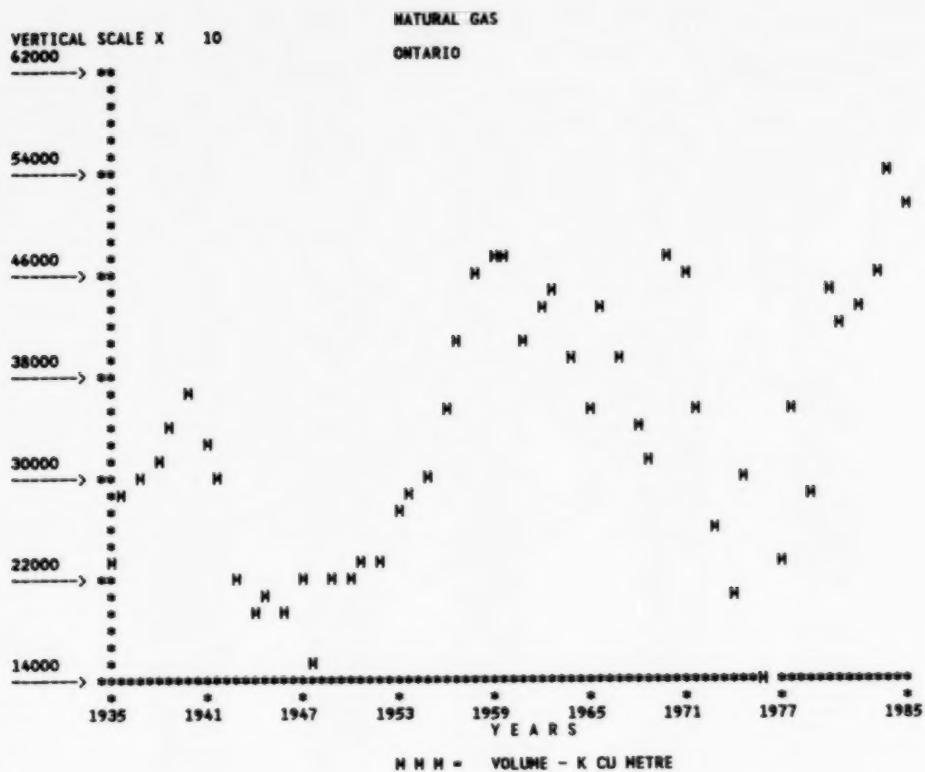
YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	SHORT TONS	TONNES	DOLLARS	1971 DOLLARS	1985 DOLLARS	1985 DOLLARS/TONNES
1901	143900	130181	550000	1527777	4789583	36.79
1902	150800	136531	617000	1713888	5373041	39.35
1903	119000	107954	520000	1444444	4528333	41.95
1904	91000	82553	406800	1130000	3542590	42.91
1905	108500	98429	424700	1179722	3698429	37.57
1906	98000	88904	496785	1379958	4326169	48.66
1907	92750	84141	418700	1163055	3646179	43.33
1908	85482	77547	448596	1246100	3904523	50.38
1909	92173	83617	470858	1307938	4100388	49.04
1910	101123	91737	474531	1318141	4132374	45.05
1911	86442	78418	402340	1117611	3503710	44.68
1912	80413	72949	381672	1060200	3323727	45.56
1913	80535	73060	390600	1085000	3401475	46.56
1914	72633	65891	333407	926130	2903419	44.06
1915	46914	42559	244953	680425	2133132	50.12
1916	50864	46143	265356	737100	2310808	50.08
1917	98717	89554	657364	1826011	5724544	63.92
1918	92760	84150	872177	2422713	7595208	90.26
1919	106451	96570	960948	2649300	8368255	86.65
1920	145811	132277	1402458	3895716	12213071	92.33
1921	96707	87731	962439	2673441	8381239	95.53
1922	137898	125098	1311563	3643230	11421527	91.30
1923	168365	152738	1373823	3816175	11963708	78.33
1924	153687	139422	1401545	3893180	12205121	87.54
1925	179053	162434	1566540	4351500	13641952	83.98
1926	189079	171529	1593468	4365665	13686362	79.79
1927	198383	179970	1657552	4591556	14394530	79.98
1928	228101	206929	1870476	5210239	16334100	78.94
1929	314246	285079	2624285	7209574	22602014	79.28
1930	209340	189910	1673409	4727144	14819596	78.03
1931	113267	102754	841194	2526108	7919348	77.07
1932	143185	129895	1018007	3382083	10602830	81.63
1933	126460	114722	1006905	3401706	10664348	92.96
1934	168760	153096	1287250	4290833	13451762	87.86
1935	198338	179929	1478106	4910651	15394891	85.56
1936	219943	199528	1674851	5385373	16883144	84.62
1937	268304	243401	1874405	5857515	18363311	75.44
1938	242631	220111	1692228	5304789	16630516	75.56
1939	268622	243689	1870035	5899164	18493879	75.89
1940	372633	338044	2752786	8316574	26072459	77.13
1941	431124	391109	3246647	9094249	28510472	72.90
1942	415699	377115	3125574	8379554	26269904	69.66
1943	411921	373688	3115194	8070450	25300863	67.71
1944	429285	389440	3311177	8298689	26016390	66.80
1945	398647	361646	3131676	7675676	24063245	66.54
1946	410171	372100	3316231	7895788	24753295	66.52
1947	490681	445138	3996494	8745063	27415774	61.59
1948	508130	460967	4761520	9281715	29098178	63.12
1949	529986	480795	5569550	10390951	32575633	67.75
1950	571490	518447	6030228	11004065	34497744	66.54
1951	619769	562244	6921916	11328831	35515886	63.17
1952	622279	564522	6921062	10865089	34062055	60.34
1953	659062	597890	7714252	12129327	38025440	63.60
1954	610591	553918	7680739	11889688	37274174	67.29
1955	698245	633437	8420382	12954433	40612150	64.11
1956	673357	610859	8258857	12253497	38414713	62.89
1957	766143	695033	9416868	13687308	42909711	61.74
1958	1009916	916180	12644925	18115938	56793466	61.99
1959	1130055	1025168	14006532	19672095	61672019	60.16
1960	990088	898192	12278630	17030000	53389050	59.44
1961	865130	784832	11548132	15928457	49935715	63.63
1962	910930	826381	10527910	14323687	44904759	54.34
1963	952945	864497	11434223	15286394	47922846	55.43
1964	1049798	952360	13127590	17115450	53656935	54.34
1965	1132193	1027108	13842169	17499581	54861188	53.41
1966	1078390	978262	12232867	14791858	46372476	47.40
1967	974458	884013	11101674	12923951	40516586	45.83
1968	1013712	919624	11771960	13271657	41606445	45.24
1969	1129274	1024460	12433603	13412732	42048917	41.04
1970	1163675	1055668	13810022	14266551	44725639	42.37
1971	1167053	1058732	16885560	16885560	52936230	50.00
1972	1192197	1081542	18475204	17612206	55214264	51.05
1973	1307334	1185993	20626152	18140854	56871580	47.95
1974	1414104	1282855	26304211	20327829	63727744	49.68
1975	1173209	1064318	27063022	18473052	57913020	54.41
1976	1285685	1166354	35259063	21979445	68905626	59.08
1977	1326987	1203823	39971386	23279782	72982117	60.63
1978	1479048	1341770	48493285	26542575	83210973	62.02
1979	1452784	1317944	51920880	25869895	81102122	61.54
1980	1855682	1683447	74389285	33403361	104719536	62.21
1981	2024029	1836168	94699716	38448930	120537397	65.65
1982	1697164	1539642	82812542	30201510	94681735	61.90
1983	* 1748679	1586375	89251887	30723541	96318302	60.72
1984	* 1819082	1646615	98100718	32886596	103099481	62.61
1985	1815525	1647017	98821020	31521856	98821020	60.00
TOTAL	51342238	46576864		887467465	2782210574	

* 1983 (1984) INCLUDES 507470 (509409) TONNES OF LIME PRODUCED FOR CAPTIVE USE.



VOLUME AND VALUE OF PRODUCTION OF MAGNESIUM
IN ONTARIO

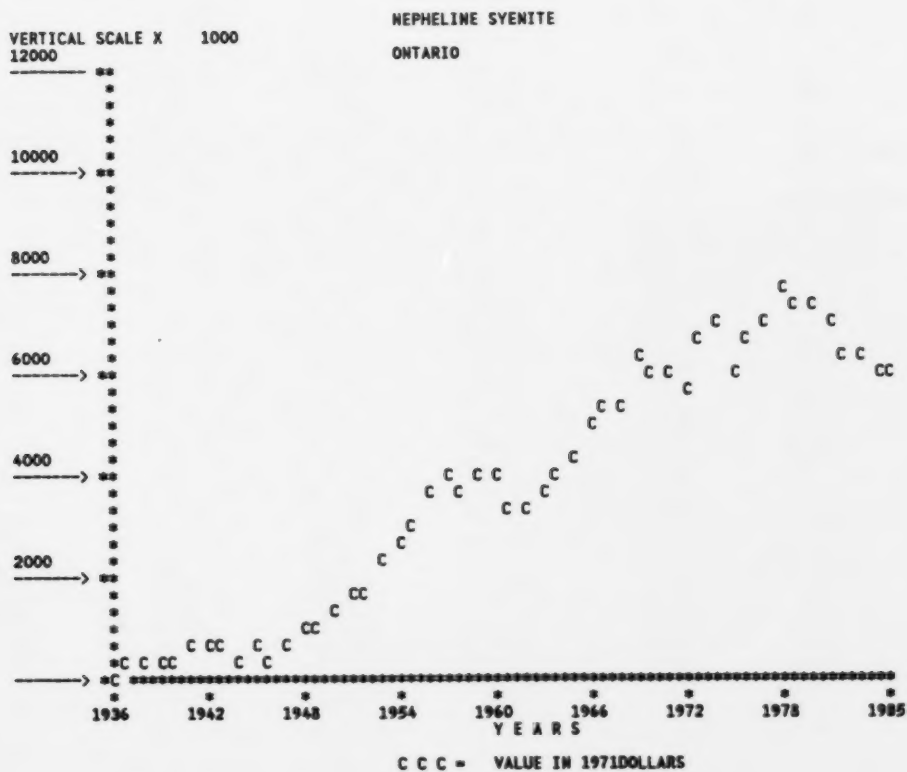
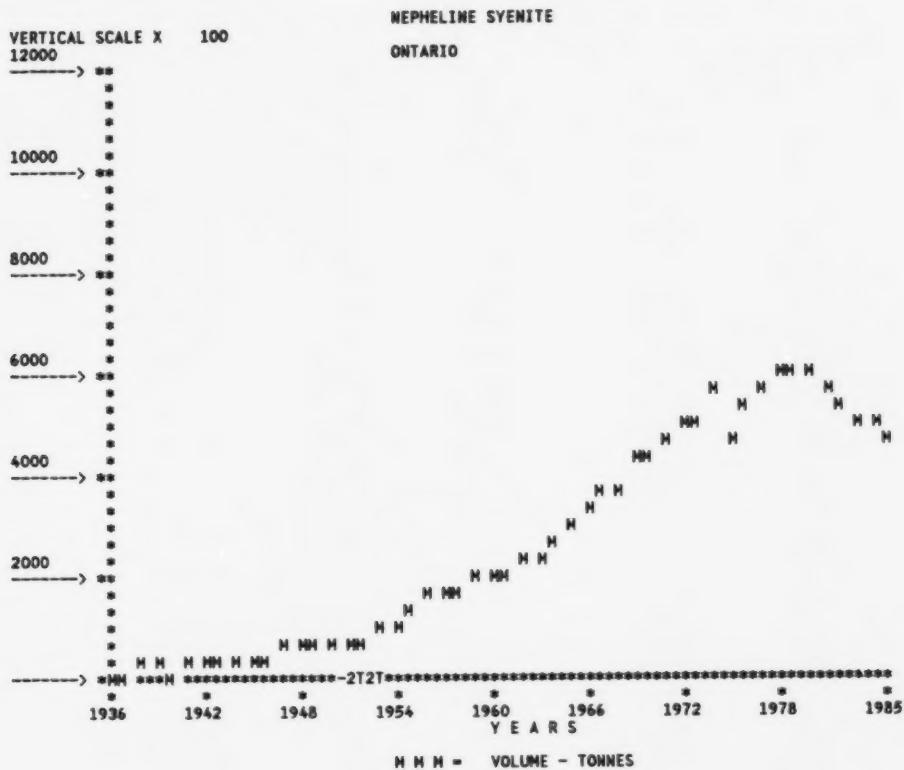
YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE 1985 DOLLARS/KILOGRAMS
	POUNDS	KILOGRAMS	DOLLARS	1971 DOLLARS	1985 DOLLARS	
1942	437910	198632	208520	559034	1752574	8.82
1943	7153974	3244988	2047652	5304798	16630541	5.12
1944	10579778	4798906	2575695	6455375	20237603	4.22
1945	7358545	3337779	1607264	3939372	12349932	3.70
1946	320677	145456	75538	179852	563837	3.88
1947	24709	11207	10843	23726	74382	6.64
1948	0	0	0	0	0	.00
1949	0	0	0	0	0	.00
1950	4693478	2128926	1000177	1825140	5721815	2.69
1951	8054621	3653515	2565329	4198574	13162531	3.60
1952	10555856	4788056	3732430	5859387	18369180	3.84
1953	10098778	4580729	3613331	5681338	17810994	3.89
1954	9633434	4369652	2878470	4455835	13969045	3.20
1955	11367204	5156077	3374923	5192189	16277513	3.16
1956	14639734	6640471	4543202	6740655	21131956	3.18
1957	15184373	6887515	4767043	6928841	21721918	3.15
1958	9087362	4121958	2747755	3936611	12341277	2.99
1959	8144940	3694482	2202392	3093247	9697329	2.62
1960	14577138	6612078	4313987	5983338	18757766	2.84
1961	15270618	6926635	4307570	5941475	18426526	2.69
1962	17631310	7997427	4821823	6560303	20566551	2.57
1963	17810348	8078638	5357816	7162855	22455552	2.78
1964	18706020	8484908	5587909	7285409	22839758	2.69
1965	20216369	9169990	6067057	7670110	24045794	2.62
1966	13445701	6098867	4175743	5049266	15829449	2.60
1967	17774684	8062461	5653243	6581190	20632033	2.56
1968	19856937	9006955	6181992	6969551	21849543	2.43
1969	21274841	9650105	7263849	7835867	24565444	2.55
1970	20707110	9392587	7140807	7376866	23126477	2.46
1971	14467305	6562259	5163921	5163921	16188892	2.47
1972	11847671	5374013	4537125	4325190	13559472	2.52
1973	13769528	6245752	5482588	4821977	15116898	2.42
1974	13132868	5956968	9260172	7156238	22434806	3.77
1975	8434219	3825697	8788248	5998804	18806251	4.92
1976	13430131	6091804	12825301	7995823	25066907	4.11
1977	16827104	7632646	17766569	10347448	32439251	4.25
1978	18323120	8311227	20155430	11031981	34585261	4.16
1979	19874671	9014999	24444031	12179387	38182380	4.24
1980	20397245	9252035	27821844	12492969	39165460	4.23
1981	18845207	8548042	29439456	11952682	37471658	4.38
1982	16821630	7630163	27811944	10142940	31798119	4.17
1983	13184227	5980265	21978106	7565613	23718197	3.97
1984	16727622	7587522	30926740	10367643	32502624	4.28
TOTAL	540688997	245252392		260332840	816143496	



VOLUME AND VALUE OF PRODUCTION OF NATURAL GAS
IN ONTARIO

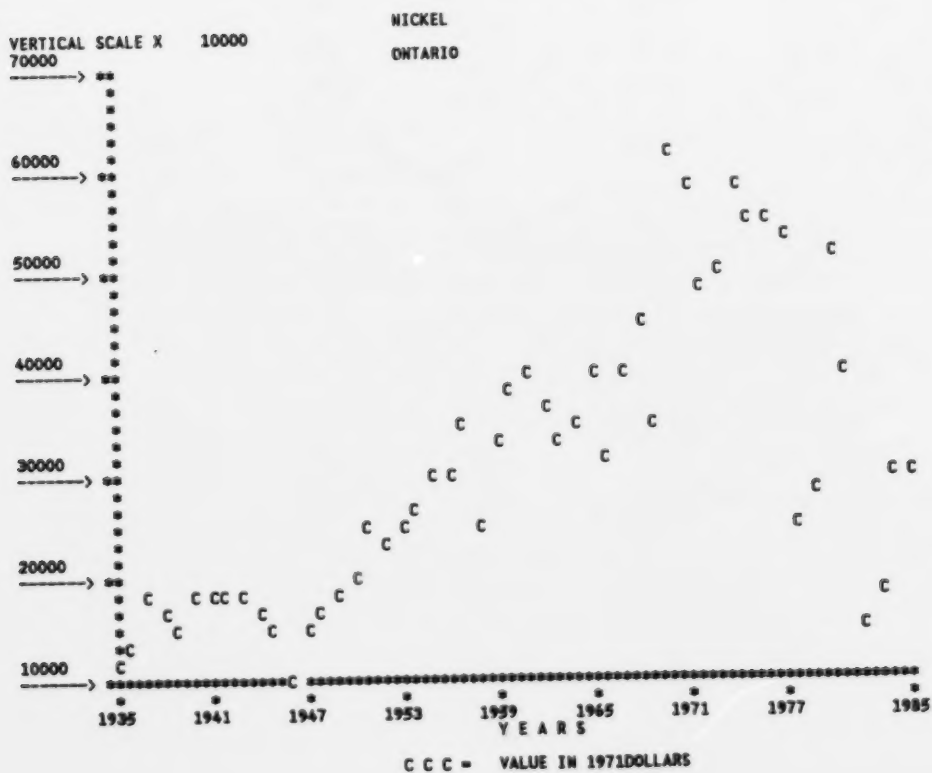
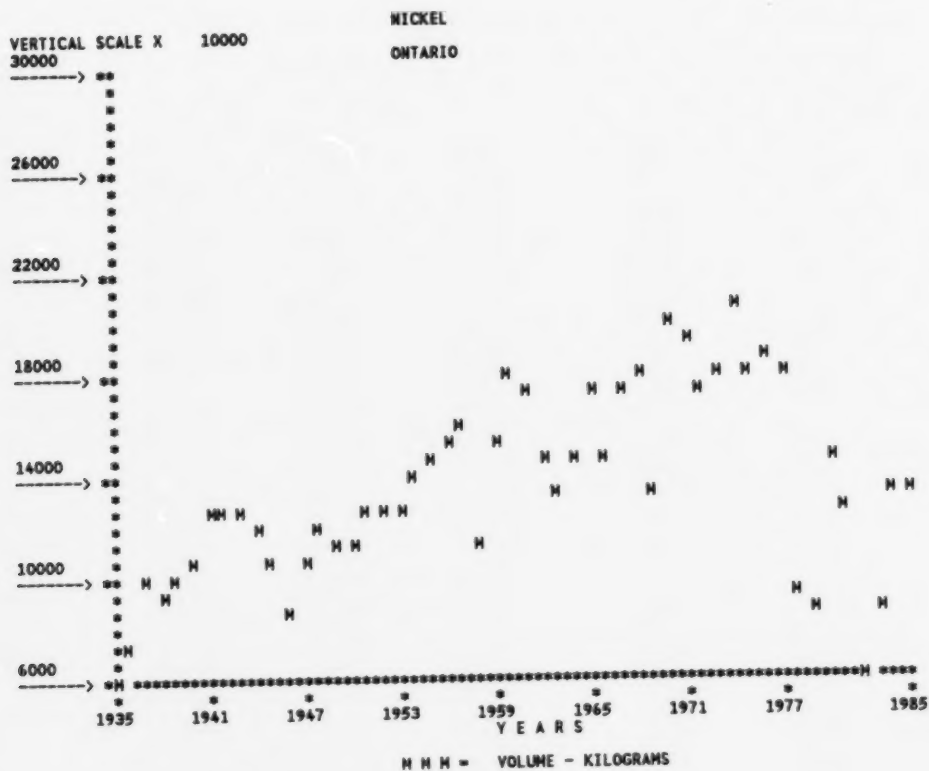
YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE 1985 DOLLARS/K CU METRE
	M CU FEET	K CU METRE	DOLLARS	1971 DOLLARS	1985 DOLLARS	
1901	2239	63410	342183	950508	2979843	46.99
1902	0	0	199238	553438	1735030	.00
1903	0	0	196535	545930	1711492	.00
1904	0	0	253524	704233	2207771	.00
1905	0	0	316476	87100	2755978	.00
1906	2534	71760	533446	1481794	4645425	64.74
1907	4155	117681	746499	2073608	6500762	55.24
1908	4483	126944	988616	2746155	8609197	67.82
1909	5388	152571	1188179	3300497	10347058	67.82
1910	7263	205677	1491239	4142330	12986206	63.14
1911	12529	354794	2186762	6074338	19043052	53.67
1912	12414	351525	2268022	6300061	19750691	56.19
1913	12516	354413	2362021	6561169	20569266	58.04
1914	14062	398219	2346687	6518575	20435732	51.32
1915	15211	430742	2622838	7285661	22840547	53.03
1916	17953	508383	2404499	6679163	20939179	41.19
1917	20026	567073	3220123	8944786	28041904	49.45
1918	13075	370263	2498769	6941025	21760113	58.77
1919	11085	313915	2583324	7175900	22496444	71.66
1920	10518	297864	3163500	8787500	27548812	92.49
1921	8532	241605	2975502	8265283	25911643	107.25
1922	8568	242627	4024767	11179908	35049013	144.46
1923	8128	230171	4066244	11295122	35410208	153.84
1924	7370	208721	4076014	11322261	35495288	170.06
1925	7257	205503	4083341	11342614	35559094	173.03
1926	7776	220205	4415918	12098405	37928501	172.24
1927	7311	207030	4331780	11999390	37618089	181.70
1928	7632	216135	4535312	12633181	39605022	183.24
1929	8583	243048	4968137	13648728	42788762	176.05
1930	7943	224932	5061588	14298271	44825079	199.28
1931	7419	210097	4635497	13920411	43640489	207.72
1932	7386	209152	4719297	15678727	49152811	235.01
1933	7166	202937	4523084	15280689	47904961	236.06
1934	7482	217554	4741368	15804560	49547296	227.75
1935	8157	230987	4894353	16260309	50976069	220.69
1936	10006	283359	6054294	19467183	61029620	215.38
1937	10746	304302	6588798	20589993	64549630	212.12
1938	10952	310148	6460764	20253178	63493715	204.72
1939	11966	338855	7261927	22908287	71817480	211.94
1940	13053	369631	7745867	23401411	73363424	198.48
1941	11828	334951	7115473	19931297	62484617	186.55
1942	10476	296669	6669819	17881552	56058666	188.96
1943	7914	224111	6354045	16461256	51604039	230.27
1944	7082	200554	4694097	11764654	36882191	183.90
1945	7199	203880	4837586	11856828	37171157	182.32
1946	7051	199670	4656528	11086971	34757695	174.08
1947	7785	220472	5334991	11673941	36597805	166.00
1948	5334	151070	6958247	13563834	42522621	281.48
1949	8024	227220	8826634	16467600	51625928	227.21
1950	8009	226803	8890532	16223598	50860981	224.25
1951	8442	239074	9962553	16305324	51117191	213.81
1952	8302	235091	9946024	15613852	48949427	208.21
1953	9835	278509	11694595	18387728	57645527	206.98
1954	10015	283616	11758549	18202088	57063546	201.20
1955	10852	307318	12263732	18867280	59148923	192.47
1956	12811	362784	14220898	21099255	66146165	182.33
1957	14400	407788	15985013	23234030	72838686	178.62
1958	16147	457260	17760000	25444126	79767335	174.45
1959	16839	476834	16335742	22943458	71927740	150.84
1960	16987	481019	6573990	9117877	28584547	59.42
1961	14544	411844	5614048	7743514	24275918	58.94
1962	15648	443110	5802387	7894404	24748956	55.85
1963	15920	450805	6049621	8087728	25355029	56.24
1964	13815	391224	5759876	7509616	23542648	60.18
1965	12619	357354	4856125	6139222	19246462	53.86
1966	15537	439970	5940000	7182587	22517412	51.18
1967	14218	402612	5427000	6317811	19806338	49.19
1968	11974	339076	4599927	5184810	16254381	47.94
1969	11237	318221	4275152	4611814	14458038	45.43
1970	17063	483195	6487852	6702326	21011793	43.49
1971	16259	460423	6333160	6333160	19854454	43.12
1972	12375	350424	4767580	4544880	14248201	40.46
1973	9528	269805	3677847	3234693	10140765	37.59
1974	7537	213424	3248000	2510046	7868995	36.87
1975	10935	309645	6508000	4442320	13926676	44.98
1976	4958	140423	4860000	3029925	9498815	67.64
1977	8529	241523	10267000	5979615	18746095	77.62
1978	12574	356074	21376864	11700527	36481154	103.02
1979	10311	292000	21420000	10672645	33458744	114.58
1980	15723	445232	33481424	15034317	47132583	105.86
1981	14804	419271	34556338	14030180	43984616	104.91
1982	15409	436354	41360466	15084050	47288497	106.37
1983	16220	459313	45931250	15811101	49567804	107.92
1984	19358	548169	68466289	22952158	71955017	131.26
1985	18081	512000	65714000	20961403	65714000	128.35
TOTAL	879995	24908417		950115083	2978610858	

NOTE: A DIFFERENT METHOD OF EVALUATING NATURAL GAS WAS ADOPTED IN 1960.
THE VALUE IS NOW ASSESSED AT THE WELLHEAD INSTEAD OF AT THE RETAIL LEVEL.



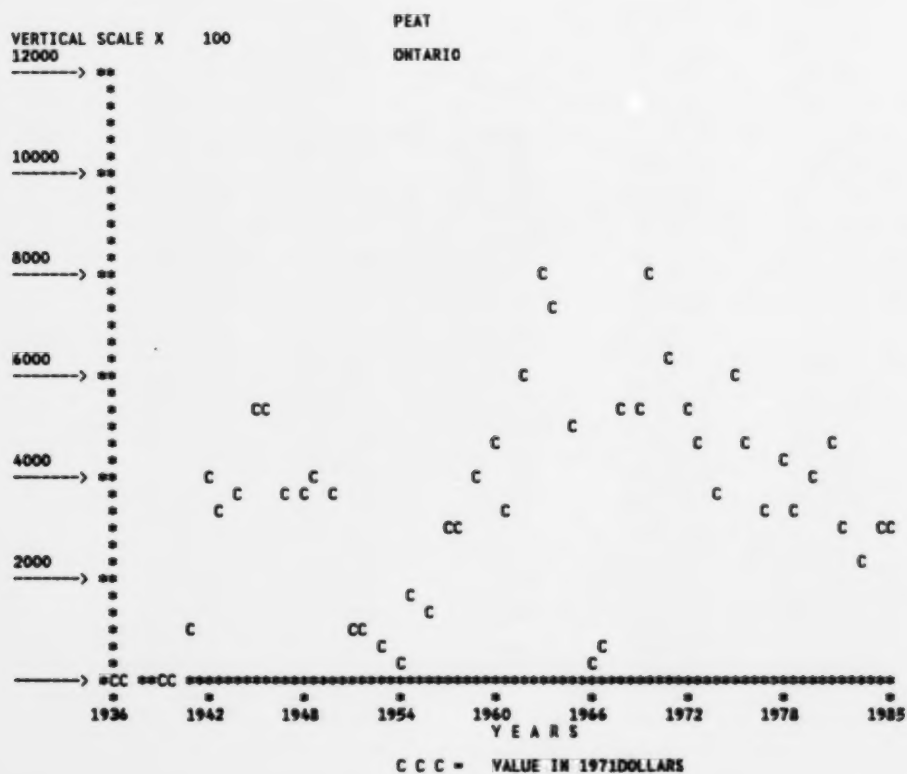
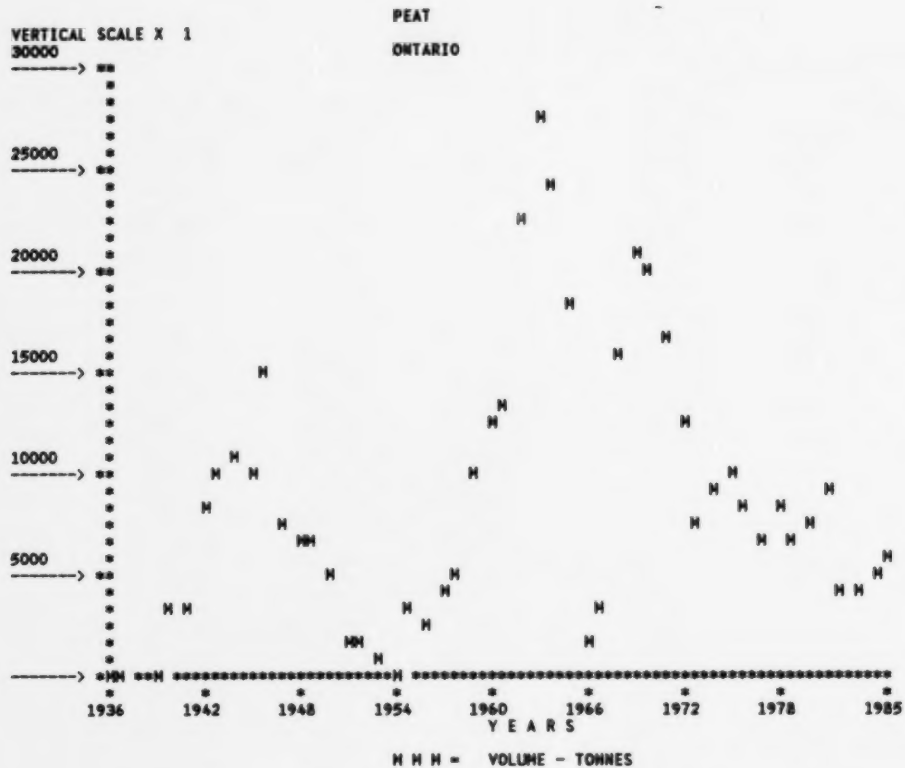
VOLUME AND VALUE OF PRODUCTION OF NEPHELINE SYENITE
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	SHORT TONS	TONNES	DOLLARS	1971 DOLLARS	1985 DOLLARS	1985 DOLLARS/TONNES
1936	3988	3617	37426	120340	377268	104.30
1937	15422	13990	121481	379628	1190134	85.07
1938	31208	28311	142737	447451	1402760	49.55
1939	30766	27910	140148	442107	1386006	49.66
1940	20510	18606	117849	356039	1116183	59.99
1941	39657	35976	227583	637487	1998523	55.55
1942	42206	38288	246893	661911	2075092	54.20
1943	49901	45269	292010	756572	2371635	52.39
1944	47625	43204	217989	5461	1712770	39.64
1945	61345	55651	275766	675897	2118937	38.08
1946	61261	55575	229198	545709	1710799	30.78
1947	66995	60776	341635	747560	2343601	38.56
1948	74386	67481	506462	987255	3095045	45.87
1949	78783	71470	623002	1162317	3643864	50.98
1950	65638	59545	842886	1538113	4821984	80.98
1951	81108	73579	1114943	1824783	5720697	77.75
1952	82681	75006	1111950	1745604	5472469	72.96
1953	113345	102824	1576271	2478413	7769826	75.56
1954	123669	112190	1770528	2740755	8592268	76.59
1955	146068	132510	2099512	3230018	10126108	76.42
1956	180006	163298	2574140	3819198	11973188	73.32
1957	200016	181451	2754060	4002994	12549386	69.16
1958	201306	182621	2613446	3744191	11738041	64.28
1959	228722	207493	2930932	4116477	12905157	62.20
1960	240636	218301	2891095	4009840	12570850	57.58
1961	240320	218014	2572169	3547819	11122413	51.02
1962	254418	230804	2605421	3544790	11112918	48.15
1963	254000	230424	2699202	3608558	11312831	49.10
1964	290300	263355	3097172	4038033	12659236	48.07
1965	339982	308426	3415387	4317809	13536331	43.89
1966	366696	332661	4109744	4969460	15579259	46.83
1967	401601	364326	4752875	5533032	17346057	47.61
1968	426595	387000	4738008	5341609	16745947	43.27
1969	500571	454110	5935239	6402631	20072248	44.20
1970	486667	441496	5801228	5993004	18788068	42.56
1971	517190	469186	6206014	6206014	19455853	41.47
1972	559483	507554	5902063	5626370	17638672	34.75
1973	569403	516553	7860300	6913192	21672859	41.96
1974	617279	559986	9179453	7093858	22239246	39.71
1975	516352	468427	8869497	6054264	18980118	40.52
1976	595381	540121	10566411	6587538	20651932	38.24
1977	633341	574558	11983799	6979498	21880728	38.08
1978	660417	599121	14181840	7762364	24395012	40.62
1979	667668	605699	15180042	7563548	23711724	39.15
1980	661054	599696	16544153	7428896	23289591	38.84
1981	647680	587565	17531692	7118023	22315003	37.98
1982	609399	552838	17882193	6521587	20445176	36.98
1983	576783	523249	18912825	6510438	20410226	39.01
1984	573907	520640	18609289	6238447	19557533	37.56
1985	537927	488000	18903000	6029665	18903000	38.74
TOTAL	14791662	13418754		189647374	594544572	



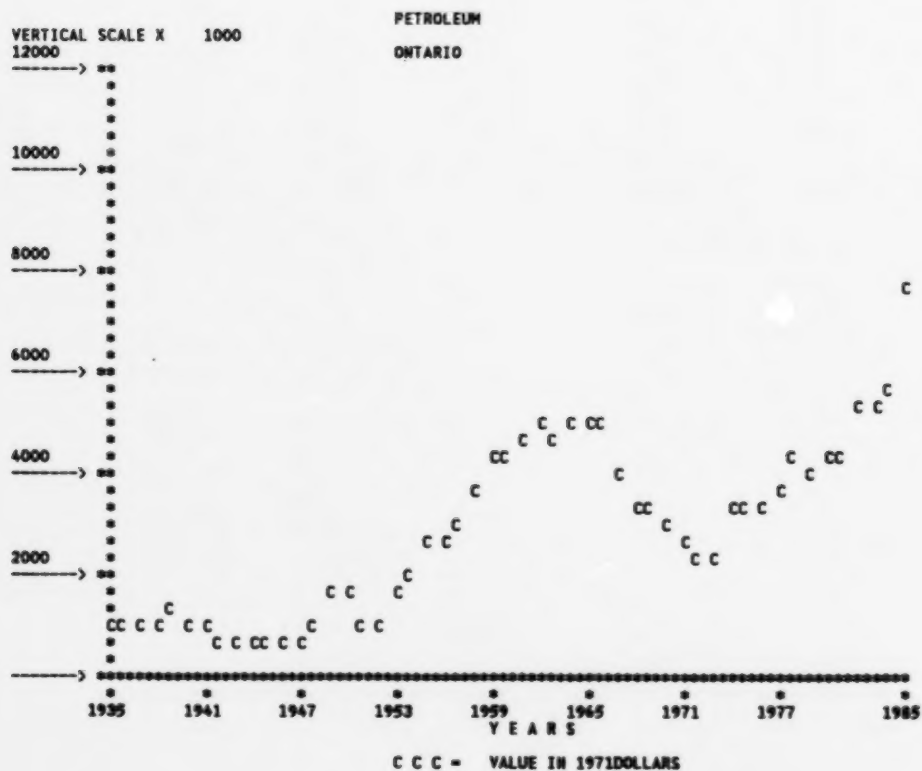
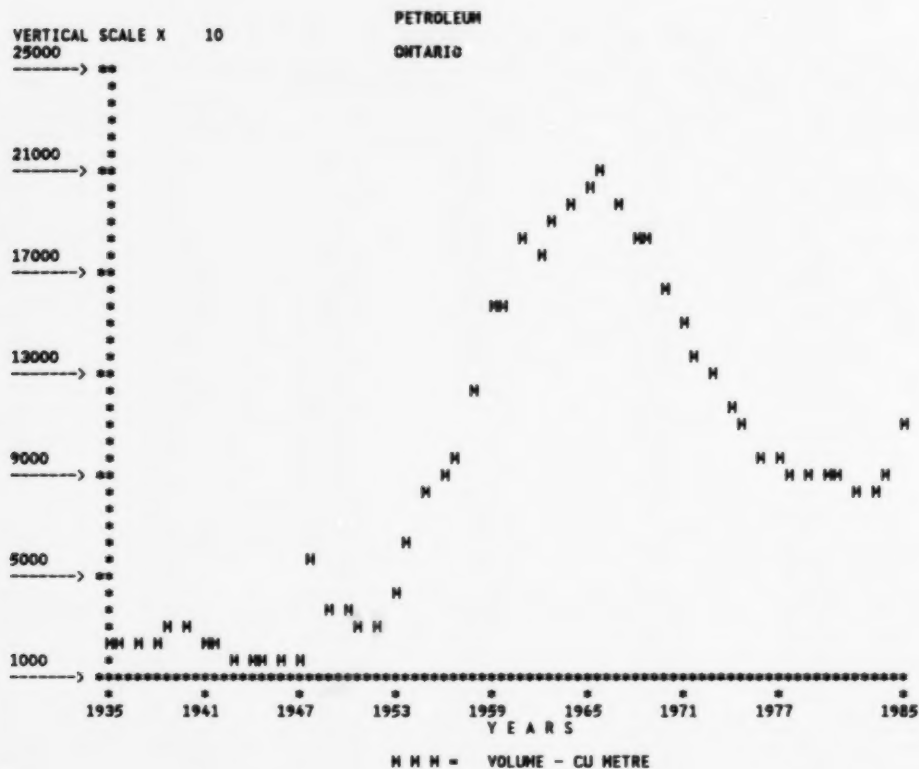
VOLUME AND VALUE OF PRODUCTION OF NICKEL
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	POUNDS	KILOGRAMS	DOLLARS	1971 DOLLARS	1985 DOLLARS	1985 DOLLARS/KILOGRAMS
1901	8882000	4028807	1410470	3917972	12282843	3.05
1902	11890000	5393213	2210961	6141558	19253785	3.57
1903	13996000	6348478	2499068	6941855	21762717	3.43
1904	9485679	4302631	1516747	4213186	13208338	3.07
1905	19085885	8657211	3363964	9344344	29294520	3.38
1906	21572000	9784894	3839419	10665052	33434940	3.42
1907	21269557	9647708	2271667	6310186	19782433	2.05
1908	19126000	8675407	1866059	5183497	16250263	1.87
1909	26282118	11921368	2790812	7752255	24303321	2.04
1910	37272000	16906294	4005961	11127669	34885244	2.06
1911	34098000	15466592	3664474	10179094	31911461	2.06
1912	44990151	20407189	4736460	13156833	41246672	2.02
1913	49909503	22638569	5250927	14585908	45726823	2.02
1914	45823752	20785304	5136804	14268900	44733001	2.15
1915	68235225	30950977	17042230	47339528	148409420	4.79
1916	82749154	37534385	20686045	57461236	180140976	4.80
1917	83787286	38005273	21042159	58450442	183242136	4.82
1918	92044542	41750702	27840022	77333395	242440192	5.81
1919	43328798	19653612	11925220	33125611	103848791	5.28
1920	57562614	26109962	15689131	43580919	136626184	5.23
1921	16531424	7498527	4050602	11251672	35273992	4.70
1922	30416345	13796622	7038202	19550561	61291009	4.44
1923	53544580	24287413	9563430	26565083	83281537	3.43
1924	61157090	27740389	11309326	31414794	98485381	3.55
1925	73857114	33501023	15946673	44296314	138868944	4.15
1926	65714294	29807502	14374163	39381268	123460277	4.14
1927	66798717	30299388	15262171	42277482	132539906	4.37
1928	99616979	45185501	22318907	62169657	194901874	4.31
1929	113794179	51616171	27115461	74493024	233535630	4.52
1930	105234598	47733611	24454911	69081669	216571032	4.54
1931	65666320	29785741	15267453	45848206	143734128	4.83
1932	30327968	13756534	7179862	23853362	74780291	5.44
1933	83264658	37768213	20130480	68008379	213206268	5.65
1934	128687340	58371595	32139425	107131417	335856992	5.75
1935	138562940	62851092	35349773	117441107	368177672	5.86
1936	169739297	76992451	43878565	141088634	442312868	5.74
1937	224791404	101963666	59469674	185842732	582616960	5.71
1938	210565589	95510945	53916279	169016548	529866880	5.55
1939	226110293	102561904	50922521	160638868	503602848	4.91
1940	245563497	111385729	59804359	180677822	566424976	5.09
1941	282280122	128040111	68644405	192281248	602801720	4.71
1942	285312432	129415543	70001165	187670682	588347592	4.55
1943	288078241	130670092	71670432	185674496	582090168	4.45
1944	274656574	124582128	69214036	173468762	543824568	4.37
1945	245146145	111196422	61982659	151918282	476263812	4.28
1946	192132195	87149698	45386533	108063174	338778052	3.89
1947	237256892	107617916	70780556	154880868	485551520	4.51
1948	263257078	119411402	87409043	170387998	534166380	4.47
1949	257379216	116745249	99351785	185357808	581096728	4.98
1950	247317867	112181498	112292202	204912776	642401552	5.73
1951	275806272	125103621	151646687	238095272	744628672	5.85
1952	281117072	127512559	160491126	252344538	791100128	6.07
1953	287385777	130355996	176556296	273306960	856817312	5.98
1954	316019050	143343832	198489258	305368088	957328968	6.55
1955	322322355	146202962	208099454	308752900	967940352	6.37
1956	335152371	152022560	243518138	353950780	1109635696	6.90
1957	354792843	160931328	177168918	253823644	795737184	6.90
1958	254286784	115342545	240053265	337153464	1056976104	6.70
1959	347929183	157818024	277924234	385470508	1208450048	6.61
1960	403300283	182933932	295423149	407480204	1277450432	7.18
1961	392435773	178005872	274219955	373088376	1169632048	7.74
1962	333163344	151120352	246252488	329214552	1032087632	7.63
1963	298178570	135251526	267764039	349105660	1094444240	7.44
1964	324187190	147048838	316332366	399914496	1253731952	7.22
1965	382566712	173529342	269461584	325830212	1021477712	7.03
1966	320428750	145344038	352238885	410056908	1285528400	7.46
1967	380117521	172418408	405168184	456784876	1432020576	7.75
1968	407493447	184835920	329076314	354990636	1112895648	8.36
1969	293561275	133157155	608428298	628541632	1970478016	9.69
1970	448509011	203440266	583946348	495648580	1830671808	9.35
1971	431506689	195728142	519935356	505528652	1553858304	9.04
1972	378855007	171845742	574786081	579429760	1584832336	8.88
1973	393293298	178394840	811328713	553808000	1816512288	8.69
1974	440879205	209051290	882305042	550065488	1724455312	9.20
1975	394836413	179094876	927518355	540197056	1693517776	9.41
1976	413225389	187435884	473685130	259269364	812809456	8.70
1977	396820713	179994848	566279308	282152124	884546904	10.00
1978	206082361	93477387	1154868925	518576080	1625736000	11.17
1979	194987370	88444784	1001217989	406503448	1274388304	9.78
1980	321009504	145607461	440631297	160697044	503785228	7.88
1981	287192903	130268510	550124912	189371742	593680416	6.72
1982	140997918	63955580	886903006	297319144	932095520	7.04
1983	194449570	88291560	968358000	308886124	968358000	7.03
1984	291985172	132442247				
1985	303505988	137668000				
TOTAL	17142732935	7775812879		16997829433	53288383397	



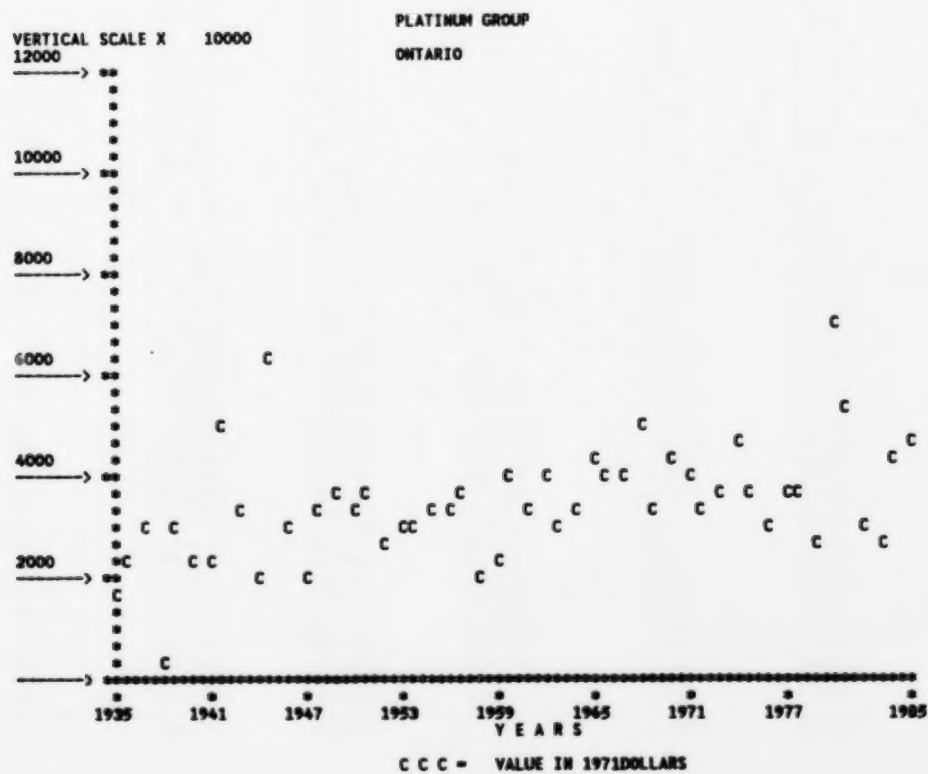
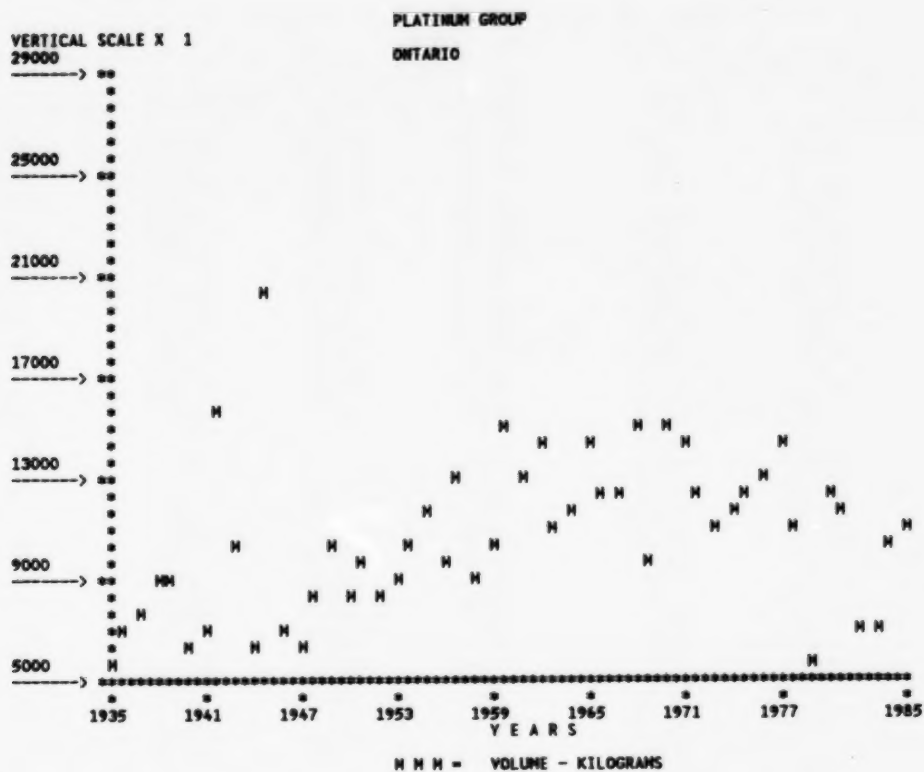
VOLUME AND VALUE OF PRODUCTION OF PEAT
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	SHORT TONS	TONNES	DOLLARS	1971 DOLLARS	1985 DOLLARS	1985 DOLLARS/TONNES
1928	297	269	445	1239	3886	14.45
1931	176	159	439	1318	4132	25.99
1934	224	203	224	746	2340	11.53
1936	8	7	50	160	504	72.00
1937	500	453	2500	7812	24492	54.07
1939	50	45	250	788	2472	54.93
1940	4111	3729	3395	10256	32155	8.62
1941	4315	3914	42708	119630	375040	95.82
1942	9599	8708	147729	396056	1241636	142.59
1943	11120	10087	136595	353873	1109392	109.98
1944	12491	11331	144820	362957	1137871	100.42
1945	11667	10584	224100	549264	1721944	162.49
1946	17175	15580	228496	544038	1705559	109.47
1947	8250	7484	170442	372958	1169224	156.23
1948	7261	6587	189447	369292	1157731	175.76
1949	7381	6695	210008	391805	1228311	183.47
1950	5613	5092	206625	377052	1182060	232.14
1951	1804	1636	72557	118751	372285	227.56
1952	1939	1759	69013	108340	339647	193.09
1953	1314	1192	52535	82602	258957	217.25
1954	640	580	19809	30664	96131	165.74
1955	4284	3886	123862	190556	597395	153.73
1956	3267	2963	97091	144051	451602	152.41
1957	4720	4281	220232	320104	1003528	234.41
1958	6123	5554	216055	309534	970390	174.72
1959	10925	9910	295390	414873	1300628	131.24
1960	13566	12306	338614	469644	1472336	119.64
1961	15113	13710	251352	346692	1086880	79.28
1962	24801	22499	455826	620171	1944237	86.41
1963	30659	27813	610784	816556	2559903	92.04
1964	27045	24552	573538	747767	2344252	95.48
1965	20115	18248	389615	492560	1544175	84.62
1966	1700	1542	30000	36275	113724	73.75
1967	3746	3398	55160	64214	201311	59.24
1968	17881	16221	483626	545237	1709320	105.38
1969	22786	20671	487087	525444	1647268	79.69
1970	22229	20165	773570	799142	2505311	124.24
1971	18990	17227	652547	652547	2045734	118.75
1972	13560	12301	570713	544054	1705610	138.66
1973	8894	8068	547814	481806	1510463	187.22
1974	9939	9016	481883	372397	1167467	129.49
1975	11423	10363	874611	597004	1871607	180.60
1976	9611	8719	785183	489515	1534631	176.01
1977	7385	6700	607736	353952	1109640	165.62
1978	9172	8321	781592	427800	1341155	161.18
1979	7754	7035	675547	336595	1055226	150.00
1980	8510	7721	938881	421590	1321684	171.18
1981	10147	9205	1201993	488019	1529942	166.21
1982	5152	4674	886066	323145	1013062	216.74
1983	5102	4629	711443	244902	767770	165.86
1984	5740	5208	904485	303213	950573	182.52
1985	6613	6000	950000	303030	950000	158.33
TOTAL	472907	429000		1738190	54492593	



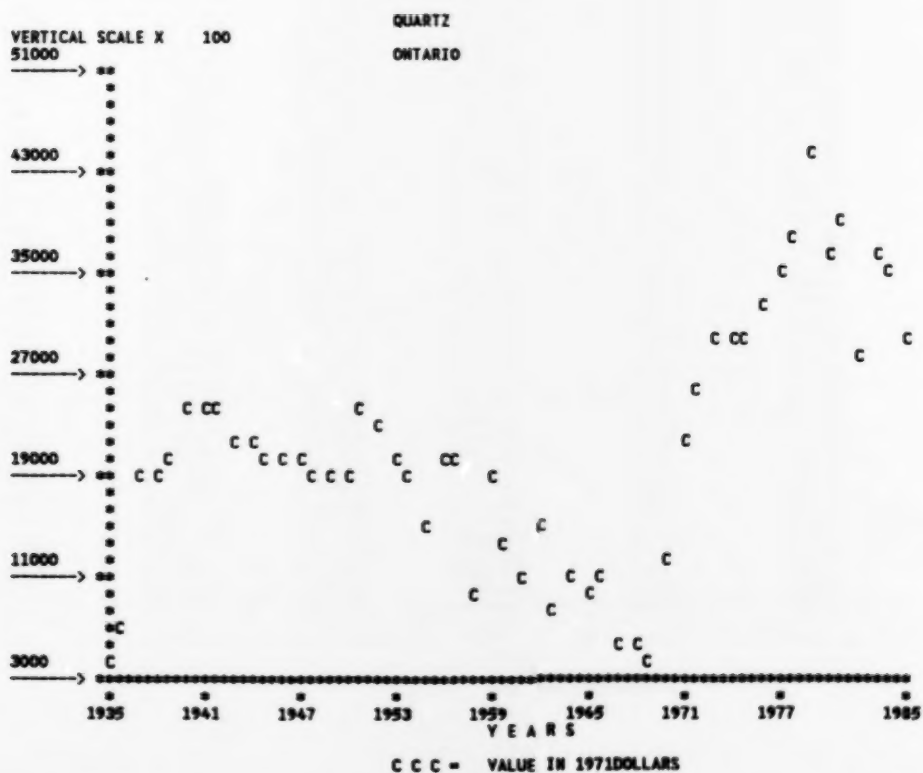
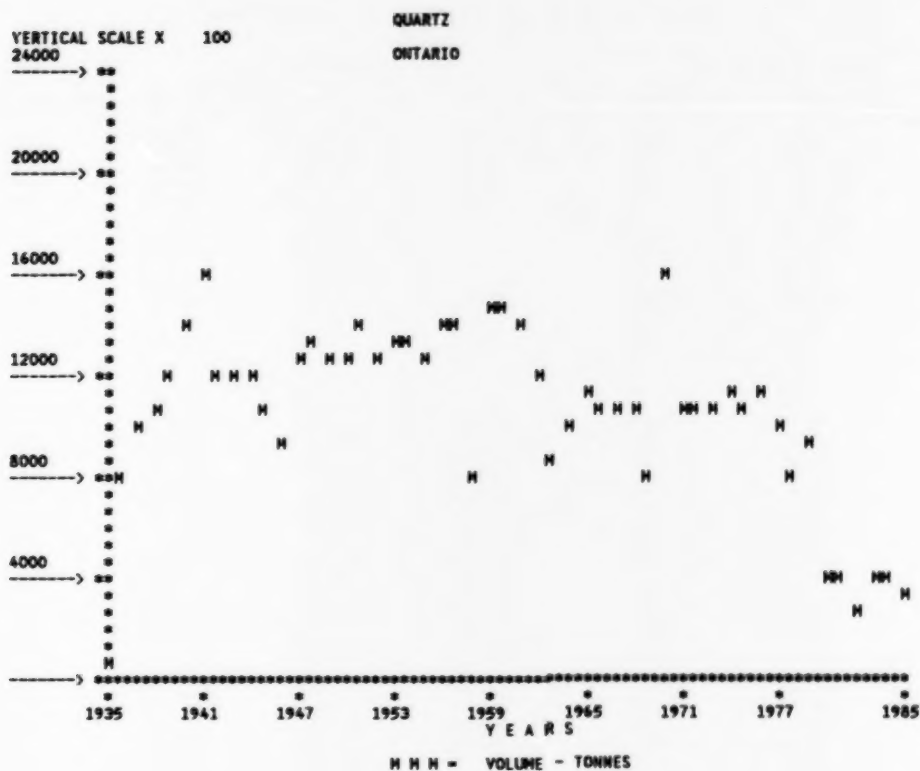
VOLUME AND VALUE OF PRODUCTION OF PETROLEUM
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE 1985 DOLLARS/CU METRE
	BARRELS	CU METRE	DOLLARS	1971 DOLLARS	1985 DOLLARS	
1901	612386	97361	1008275	2800763	8780394	90.18
1902	519588	82607	951190	2642194	8283279	100.27
1903	475438	75588	1048874	2913538	9133944	120.84
1904	492492	78299	904437	2512325	7876138	100.59
1905	632333	100532	898545	2495958	7824829	77.83
1906	563666	89615	761546	2115405	6631796	74.00
1907	789196	125472	1049631	2915641	9140536	72.85
1908	527987	83943	703773	1954925	6128689	73.01
1909	420660	66879	559478	1554105	4872120	72.85
1910	314410	49987	368153	1022647	3205999	64.14
1911	288631	45888	353573	982147	3079031	67.10
1912	240935	38305	344537	957047	3000343	78.33
1913	226165	35957	398051	1105697	3466360	96.40
1914	212496	33784	337867	938519	2942258	87.09
1915	214442	34093	300219	833941	2614407	76.68
1916	196877	31300	387846	1077350	3377492	107.91
1917	202991	32272	475000	1319444	4136458	128.17
1918	316176	50267	781097	2169713	6802053	135.32
1919	220100	34993	632789	1757747	5510537	157.48
1920	181750	28895	724145	2011513	6306096	218.24
1921	172859	27482	559198	1553327	4869682	177.20
1922	164732	26190	466587	1296075	4063195	155.14
1923	159400	25342	478149	1328191	4163880	164.31
1924	154317	24534	390424	1084511	3399942	138.58
1925	144250	22933	396154	1100427	3449841	150.43
1926	136971	21776	378622	1032389	3236539	148.63
1927	139606	22195	289391	801637	2513132	113.23
1928	134164	21330	249981	696325	2182981	102.34
1929	121125	19257	253678	696917	2184836	113.46
1930	117302	18649	235746	665949	2087750	111.95
1931	122364	19454	219993	660639	2071105	106.46
1932	130343	20722	247468	822152	2577449	124.38
1933	136058	21631	253486	856371	2684725	124.11
1934	141385	22478	299874	999580	3133683	139.41
1935	165040	26239	346156	1150019	3605312	137.40
1936	165494	26311	348767	1121437	3515705	133.62
1937	165205	26265	356358	1113618	3491194	132.92
1938	172642	27447	359268	1126231	3530737	128.64
1939	206379	32811	401429	1266337	3969968	121.00
1940	187644	29833	397078	1199631	3760844	126.06
1941	159438	25348	337760	946106	2966043	117.01
1942	143845	22869	306242	821024	2573910	112.55
1943	132492	21064	311356	806621	2528759	120.05
1944	125067	19884	296420	742907	2329014	117.13
1945	113325	18017	268478	658034	2062937	114.50
1946	123082	19568	291719	694569	2177473	111.28
1947	131295	20874	349895	765634	2400264	114.99
1948	349895	55628	608109	1185397	3716221	66.80
1949	260670	41443	901143	1681236	5270677	127.18
1950	250654	39851	892335	1628348	5104872	128.10
1951	197171	31347	677905	1109500	3478285	110.96
1952	191814	30495	641400	1006907	3156654	103.51
1953	299685	47646	1005535	1581029	4956528	104.03
1954	412474	65578	1390000	2151702	6745588	102.86
1955	525509	83549	1715630	2639430	8274615	99.04
1956	593370	94338	1958121	2905224	9107877	96.55
1957	623666	99154	2160000	3139534	9842441	99.26
1958	778341	123746	2623000	3757879	11780952	95.20
1959	1001580	159238	3194000	4485955	14063469	88.32
1960	1005030	159787	3150065	4369022	13696884	85.72
1961	1149087	182690	3546740	4892055	15336593	83.95
1962	1134534	180376	3461174	4981189	15616027	86.57
1963	1205376	191639	3459429	4624905	14499077	75.66
1964	1246682	198206	4014316	5233788	16407928	82.78
1965	1279321	203395	4093318	5174864	16223200	79.76
1966	1323781	210464	4236099	5122247	16058247	76.30
1967	1240298	197191	3524123	4102587	12861613	65.22
1968	1150779	182959	3164826	3570264	11192784	61.18
1969	1161889	184725	3117031	3362493	10541415	57.07
1970	1048168	166645	2839904	2933785	9197416	55.19
1971	958104	152326	2726771	2726771	8548437	56.12
1972	877965	139585	2498688	2381971	7467480	53.50
1973	808649	128564	2865853	2520539	7901890	61.46
1974	734000	116696	4342000	3355486	10519451	90.14
1975	703999	111927	5046000	3444368	10798095	96.47
1976	620999	98731	5216000	3251870	10194613	103.26
1977	616497	98047	6427000	3859638	12099968	123.41
1978	593865	94417	8165685	4469449	14011725	148.40
1979	578642	92000	8259000	4115097	12900829	140.23
1980	590500	93882	9787181	4394782	13777643	146.75
1981	565976	89983	11111980	4511563	14143750	157.18
1982	538640	85637	14761230	5383380	16876898	197.07
1983	533300	84788	16109720	5545514	17385188	205.04
1984	568441	90379	17276060	5791908	18156368	200.90
1985	685589	109000	23878000	7616586	23878000	219.06
TOTAL	40019705	6362588		201095138	630433347	



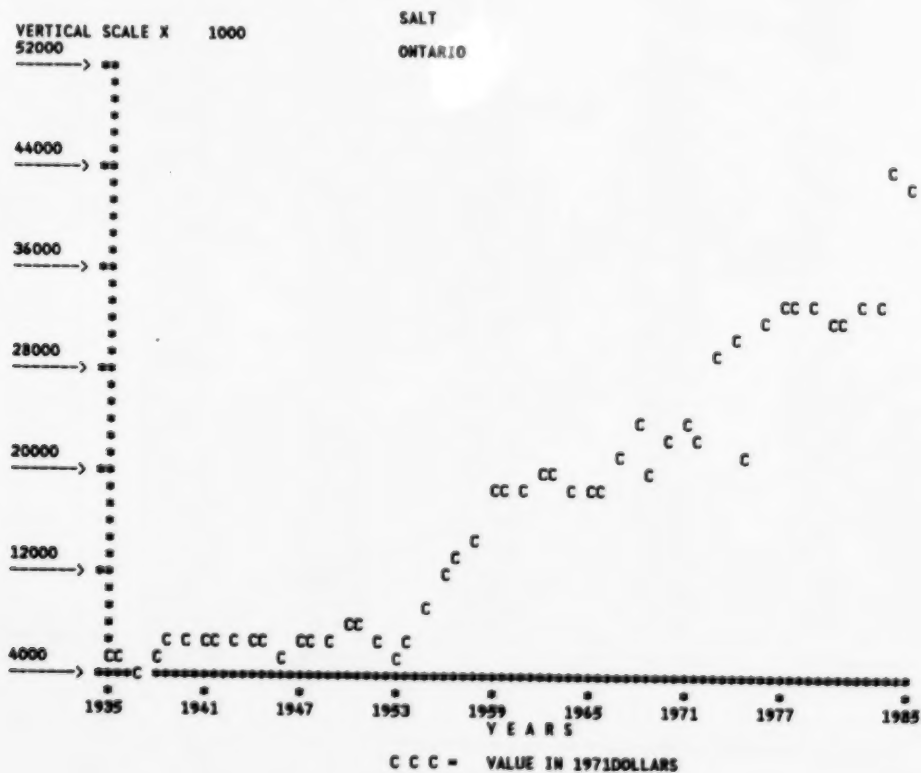
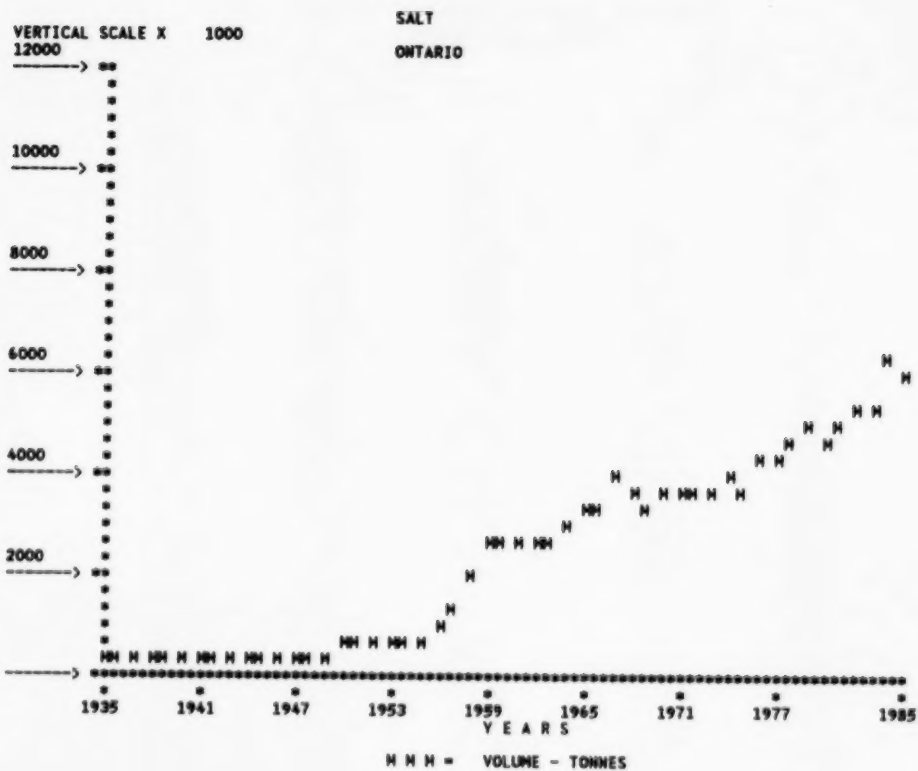
VOLUME AND VALUE OF PRODUCTION OF PLATINUM GROUP
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE 1985 DOLLARS/KILOGRAMS
	TROY OUNCES	KILOGRAMS	DOLLARS	1971 DOLLARS	1985 DOLLARS	
1902	6786	211	132326	367572	1152338	5461.32
1903	4887	152	95307	264741	829965	5460.30
1904	1488	46	29016	80600	252681	5493.07
1905	1562	48	28116	78100	244843	5100.90
1906	314	9	5652	15700	49219	5468.78
1907	0	0	0	0	0	.00
1908	0	0	0	0	0	.00
1909	0	0	0	0	0	.00
1910	0	0	0	0	0	.00
1911	0	0	0	0	0	.00
1912	6582	204	227971	633252	1985247	9731.60
1913	0	0	0	0	0	.00
1914	0	0	0	0	0	.00
1915	0	0	0	0	0	.00
1916	0	0	0	0	0	.00
1917	0	0	0	0	0	.00
1918	0	0	0	0	0	.00
1919	1770	55	200000	555555	1741666	31646.65
1920	19066	593	1996535	5545930	17386492	29319.55
1921	13418	417	862034	2394538	7506879	18002.11
1922	11788	366	924712	2568644	8052700	22001.91
1923	15625	485	1418633	3940647	12353929	25472.02
1924	18697	581	1891497	5254158	16471786	28350.75
1925	16980	528	1676446	4656794	14599050	27649.72
1926	19495	606	1559527	4272676	13394841	22103.70
1927	22762	707	1270843	3520340	11036268	15610.00
1928	23539	732	1309923	3648810	11439021	15627.08
1929	29615	921	1646381	4523024	14179682	15395.96
1930	68022	2115	2436683	6883285	21579099	10202.88
1931	91643	2850	2812834	8446948	26481184	9291.64
1932	64897	2018	1998911	6640900	20819222	10316.76
1933	55715	1732	1501233	5071733	15899883	7180.07
1934	200110	6224	6187992	20626640	64664516	10389.54
1935	190107	5912	5407392	17964757	56319515	9526.30
1936	235222	7316	7802997	25090022	78657221	10751.40
1937	259184	8061	9931556	31036112	97298213	12070.24
1938	292203	9088	887362	2781699	8720626	959.58
1939	284279	8842	9421334	29720296	93173130	10537.56
1940	199585	6220	7760157	23444583	73498769	11816.52
1941	221689	6895	8144164	22812784	71518080	10372.46
1942	507761	15793	19176254	51410868	161173072	10205.35
1943	345710	10752	13691748	35470850	111201114	10342.37
1944	200452	6234	8024719	20112077	63051363	10114.11
1945	666908	20743	26688646	65413348	205070846	9886.27
1946	239337	7444	12838214	30567176	95828098	12873.20
1947	204902	6373	9970087	21816383	68394361	10731.89
1948	269505	8382	16896808	32937247	103258272	12319.05
1949	335916	10448	19885049	37098972	116305277	11131.82
1950	273183	8496	17822766	32532395	101960531	12001.00
1951	318366	9902	22490536	36809388	115397432	11653.95
1952	279722	8700	18475723	29004274	90928401	10451.54
1953	303563	9441	20046390	31519481	98813574	10466.43
1954	343706	10690	20906556	32363089	101458286	9490.95
1955	384746	11966	23069365	35491330	111265323	9298.46
1956	314818	9791	22407090	33244940	104222890	10644.76
1957	416147	12943	25731333	37400193	117249606	9058.92
1958	300458	9345	14321443	20517826	64323386	6883.19
1959	328091	10204	16932178	23781149	74553902	7306.34
1960	483585	15041	28871955	40044320	125538945	8346.45
1961	418278	13009	24534349	33840481	106089909	8155.12
1962	470782	14642	28848262	39249336	123046668	8403.68
1963	357649	11124	22585055	30193923	94657951	8509.34
1964	376238	11702	25404117	33121404	103835603	8873.32
1965	463127	14404	36109799	45650820	143115322	9935.80
1966	395952	12315	32363556	39133683	122684097	9962.17
1967	398898	12438	34580361	40256532	126204228	10146.67
1968	484849	15080	46124003	52000003	163020010	10810.35
1969	308465	9594	30729815	33149744	103924457	10832.23
1970	482428	15005	43556597	44996484	141063980	9401.13
1971	475169	14779	39821616	39821616	124840764	8447.17
1972	402423	12516	34390972	32727333	102600189	8197.52
1973	352909	10976	41844285	36802361	115375403	10511.61
1974	384618	11962	60794030	46981476	147286928	12312.90
1975	399219	12417	56493077	38561827	120891330	9735.95
1976	416821	12964	50143112	31261291	98004151	7559.72
1977	465372	14474	61988406	36102740	113182092	7819.68
1978	350052	10887	65761434	39994216	112841868	10364.83
1979	197943	6156	56333561	28068540	87994874	14294.16
1980	410757	12776	158923378	71362092	223720154	17510.97
1981	382754	11905	136235362	55314398	173410636	14566.20
1982	228431	7105	82252570	29997655	94042648	13236.12
1983	223897	6964	79158805	27248125	85422875	12266.35
1984	329384	10245	131415965	44084966	138112320	13480.95
1985	353658	11000	148440000	47349282	148440000	13494.55
TOTAL	18425379	573061		1883607376	5905109205	



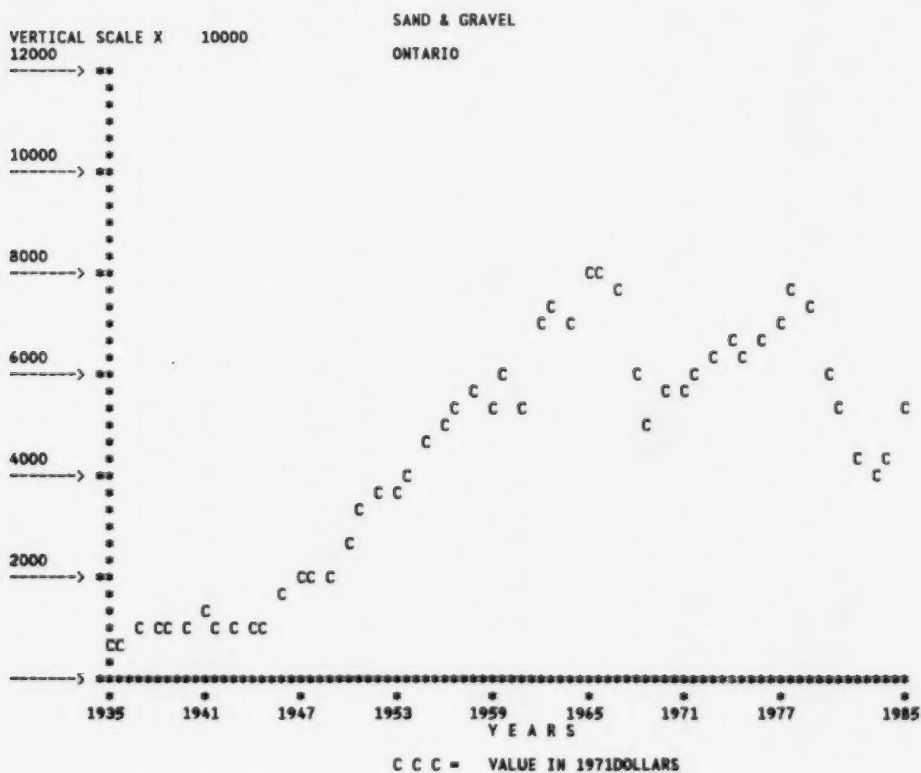
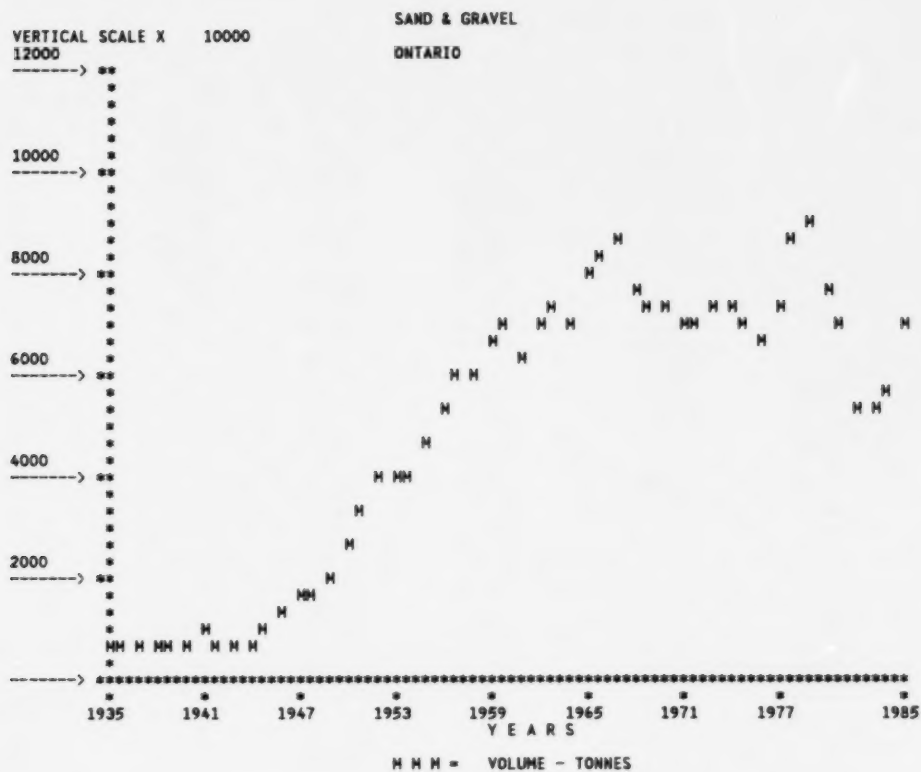
VOLUME AND VALUE OF PRODUCTION OF QUARTZ
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	SHORT TONS	TONNES	DOLLARS	1971 DOLLARS	1985 DOLLARS	
1905	3357	3045	3357	9325	29233	9.60
1906	48376	43885	56765	157680	494328	11.26
1907	56585	51333	124148	344855	1081122	21.06
1908	44741	40588	52830	146750	460061	11.33
1909	63172	57308	75329	209247	655990	11.45
1910	89635	81315	92672	257422	807018	9.92
1911	56723	51458	64405	178902	560860	10.90
1912	94758	85963	179276	498822	1563807	18.19
1913	54320	49278	130860	363500	1139572	23.13
1914	52947	48032	82554	229316	718907	14.97
1915	95460	86599	142354	395427	1239666	14.32
1916	142634	129395	214094	594705	1864401	14.41
1917	176993	160545	358674	996316	3123452	19.45
1918	215930	195888	472356	1312100	4113433	21.00
1919	59658	54120	179070	497416	1559401	28.81
1920	90555	82150	295161	819891	2570360	31.29
1921	69087	62674	157914	438650	1375167	21.94
1922	79560	72175	113625	315625	989484	13.71
1923	223064	202360	480463	1334619	4184031	20.68
1924	111400	101060	182943	508175	1593128	15.76
1925	184856	167698	313232	870088	2727728	16.27
1926	192733	174844	339304	929600	2914296	16.67
1927	159150	144378	226204	626603	1964403	13.61
1928	194503	176450	308608	859632	2694947	15.27
1929	187973	170526	316050	868269	2722024	15.96
1930	167487	151941	274672	775909	2432476	16.01
1931	97888	88802	148642	446372	1399377	15.76
1932	66135	59996	93574	310877	974599	16.24
1933	51601	46811	84564	285689	895635	19.13
1934	89838	81499	134572	448573	1406277	17.26
1935	83034	75327	120005	398687	1249885	16.59
1936	884585	802482	216037	694652	2177736	2.71
1937	1142372	1036342	633073	1978353	6202137	5.98
1938	1173259	1064362	597037	1871589	5867432	5.51
1939	1333342	1209587	665148	2098258	6578040	5.44
1940	1581367	1434592	810285	2447990	7674451	5.35
1941	1745244	1583258	899687	2520131	7900612	4.99
1942	1367733	1240786	914256	2451088	7684162	6.19
1943	1350640	1225280	852196	2207761	6921332	5.65
1944	1326288	1203188	868389	2176413	6823056	5.67
1945	1165238	1057086	820664	2011431	6305837	5.97
1946	1052689	954983	852729	2030307	6365012	6.67
1947	1442341	1308469	949210	2077045	6511539	4.98
1948	1496652	1357739	1019997	1988298	6233315	4.59
1949	1404140	1273814	1020411	1903751	5968262	4.69
1950	1386833	1258113	1027791	1875531	5879789	4.67
1951	1545137	1401724	1497811	2451409	7685167	5.48
1952	1429806	1297098	1506532	2365042	7414407	5.72
1953	1450770	1316116	1301048	2045672	6413184	4.87
1954	1476745	1339680	1270731	1967075	6166782	4.60
1955	1421302	1289383	1032938	1589135	4981939	3.86
1956	1571819	1425930	1413191	2096722	6573225	4.61
1957	1591091	1443413	1428400	2076162	6508770	4.51
1958	922599	836967	666275	954548	2992510	3.58
1959	1600352	1451814	1363541	1915085	6003793	4.14
1960	1659410	1505391	998281	1384578	4340653	2.88
1961	1540016	1397079	827061	1140773	3576325	2.56
1962	1352613	1227069	1077784	1466372	4597078	3.75
1963	952166	863790	644287	861346	2700320	3.13
1964	1127425	1022782	836939	1091185	3420865	3.34
1965	1301583	1180776	790245	999045	3132007	2.65
1966	1161057	1053293	902089	1090796	3419648	3.25
1967	1193124	1082383	467050	543713	1704542	1.57
1968	1205799	1093882	573430	646482	2026722	1.85
1969	865385	785064	429163	462959	1451376	1.85
1970	1748092	1585842	1211700	1251756	3924255	2.47
1971	1228455	1114435	2141272	2141272	6712887	6.02
1972	1177753	1068439	2750258	2621790	8219312	7.69
1973	1181348	1071700	3360622	2955492	9266095	8.65
1974	1236780	1121987	3849875	2975173	9327170	8.31
1975	1208394	1096237	4358086	2974802	9326006	8.51
1976	1242204	1126909	5203268	3243932	10169729	9.02
1977	1149783	1043066	6128927	3569555	11190556	10.73
1978	933106	846500	6978328	3819555	11974306	14.15
1979	1080572	980279	8965420	4467075	14004280	14.29
1980	439556	398759	8234895	3697752	11592454	29.07
1981	470895	427189	9787492	3973809	12457891	29.16
1982	292009	264907	7758937	2829663	8870994	33.49
1983	426270	386706	10559822	3635050	11395883	29.47
1984	433799	393536	10630992	3563859	11172698	28.39
1985	385808	350000	9450000	3014354	9450000	27.00
TOTAL	63199899	57297649		124444828	390761609	



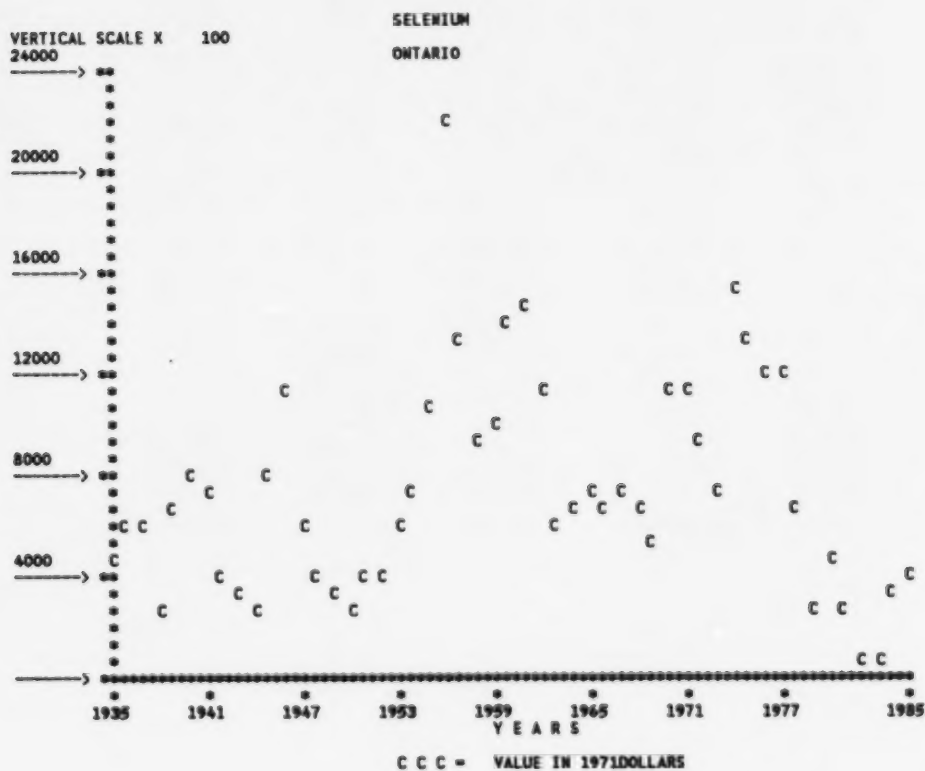
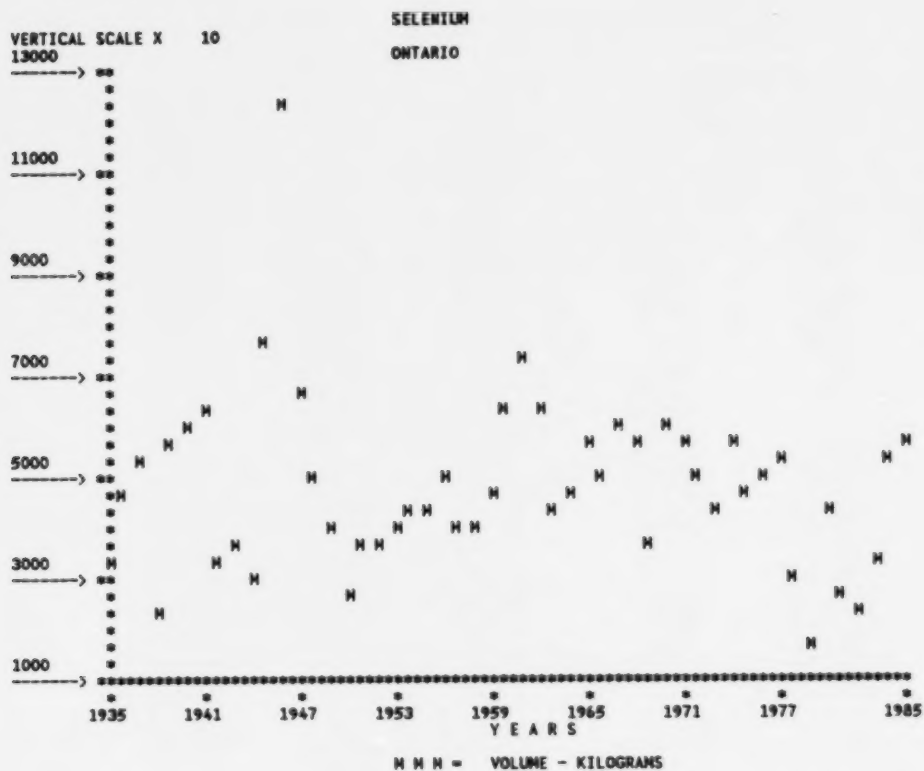
VOLUME AND VALUE OF PRODUCTION OF SALT
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	SHORT TONS	TONNES	DOLLARS	1971 DOLLARS	1985 DOLLARS	
1901	60327	54727	323058	897383	2813296	51.41
1902	60911	55257	336844	935677	2933349	53.09
1903	58274	52865	388097	1078047	3379678	63.93
1904	56023	50823	362986	1008294	3161003	62.20
1905	49605	45000	367593	1021091	3201122	71.14
1906	50514	45825	367738	1021494	3202385	69.88
1907	56638	51381	409941	1138725	3569902	69.48
1908	79912	72494	498730	1385361	4343107	59.91
1909	79587	72200	396795	1102208	3455423	47.86
1910	84071	76267	414978	1152716	3613766	47.38
1911	88689	80457	430835	1196763	3751854	46.63
1912	91276	82804	401274	1114650	3494427	42.20
1913	96799	87814	474372	1317700	4130989	47.04
1914	104774	95049	301718	838105	2627460	27.64
1915	116448	105821	585022	1625061	5094566	48.14
1916	133086	120733	723425	2009513	6299826	52.18
1917	138909	126016	1047707	2910297	9123781	72.40
1918	131726	119499	1287039	3575108	11207964	93.79
1919	148112	134364	1395368	3876022	12151329	90.44
1920	206612	187435	1544867	4291297	13453216	71.78
1921	161987	146952	1649626	4582294	14365493	97.76
1922	176741	160336	1573657	4371269	13703929	85.47
1923	197917	179547	1674365	4651013	14580928	81.21
1924	203428	184546	1337311	3714752	11645750	63.10
1925	226470	205450	1466450	4073472	12770335	62.16
1926	252345	228923	1388672	3804580	11927360	52.10
1927	254180	230588	1510777	4184977	13119905	56.90
1928	279841	253867	1377629	3837406	12030269	47.39
1929	302445	274373	1420424	3902263	12233596	44.59
1930	248637	225599	1558405	4402274	13801128	61.19
1931	231329	209858	1760388	5286450	16573021	78.97
1932	231138	209684	1789752	5946070	18640772	88.90
1933	244107	221450	1755087	5929348	18588506	83.94
1934	276751	251064	1734196	5780653	18122348	72.18
1935	320003	290301	1698508	5642883	17690440	60.94
1936	350044	317554	1557078	5006681	15695947	49.43
1937	407701	369860	1539599	4811246	15083259	40.78
1938	388130	352105	1637140	5132100	16089134	45.69
1939	370843	336423	2200189	6940659	21758967	64.68
1940	412401	374123	2371780	7165498	22463838	60.04
1941	477170	432881	2512166	7036879	22060617	50.96
1942	558407	506578	2793328	7488814	23477435	46.35
1943	594889	536674	2892839	7494401	23494949	43.54
1944	603806	547763	2906117	7283501	22833776	41.69
1945	578697	524985	2920973	7159247	22444241	42.75
1946	441679	400684	2408279	5733997	17976082	44.86
1947	633767	574943	3132165	6853752	21486515	37.37
1948	619598	562089	3265654	6365797	19956774	35.50
1949	607206	550848	3477583	6488028	20339967	36.92
1950	696582	631928	4639867	8466910	26543764	42.00
1951	772585	700877	4789990	7839590	24577117	35.07
1952	757025	686761	4401780	6910172	21643391	31.54
1953	749046	679523	3919810	6163223	19321705	28.43
1954	733066	665026	4440418	6873712	21549087	32.40
1955	998789	906086	5845340	8992830	28192524	31.11
1956	1347729	1222639	7932294	11768982	36895759	30.18
1957	1538805	1395980	9478587	13777015	43190945	30.94
1958	2126483	1929112	10204472	14619587	45832406	23.76
1959	3036230	2754421	13228977	18580024	58248375	21.15
1960	3007599	2728447	13994545	19409909	60850067	22.30
1961	2861705	2596095	13584373	18739824	58749351	22.43
1962	3155589	2862702	15387911	20935933	65636151	22.93
1963	3187491	2891643	14793161	19776953	62000748	21.44
1964	3335683	3026080	14552559	18973349	59481451	19.66
1965	3900484	3538459	15499274	19594531	61428854	17.36
1966	3782191	3431145	15243719	18432550	57786045	16.84
1967	4673278	4239526	19115598	22253315	69764144	16.46
1968	4143759	3759154	21605938	24358442	76363715	20.31
1969	3760042	3411052	19104176	20608604	64607974	18.94
1970	4158157	3772216	22700000	23450413	73517046	19.49
1971	4171454	3784279	24121302	24121302	75620282	19.98
1972	4037789	3663020	24481406	23337851	73164164	19.97
1973	4161436	3775191	33166178	29169901	91447641	24.22
1974	4456357	4042739	40169561	31042937	97319609	24.07
1975	4147958	3742965	32259074	22019845	69032217	18.35
1976	4948394	4489108	52492835	32726206	102596658	22.85
1977	4945509	4486491	57141078	33279602	104331555	23.25
1978	5362968	4865203	61679276	33759866	105837180	21.75
1979	5719523	5188664	67900216	33831697	106062370	20.44
1980	5369487	4871117	71400615	32061344	100512315	20.63
1981	5476837	4968503	80888513	32841458	102957973	20.72
1982	6019931	5461190	93200162	33989847	106558171	19.51
1983	6040648	5479984	98726006	33984856	106542524	19.44
1984	7068476	6412414	131720179	44156949	138432036	21.59
1985	6726303	6102000	136604000	43573844	136604000	22.39
TOTAL	143919538	130561579		1008989139	3163181038	



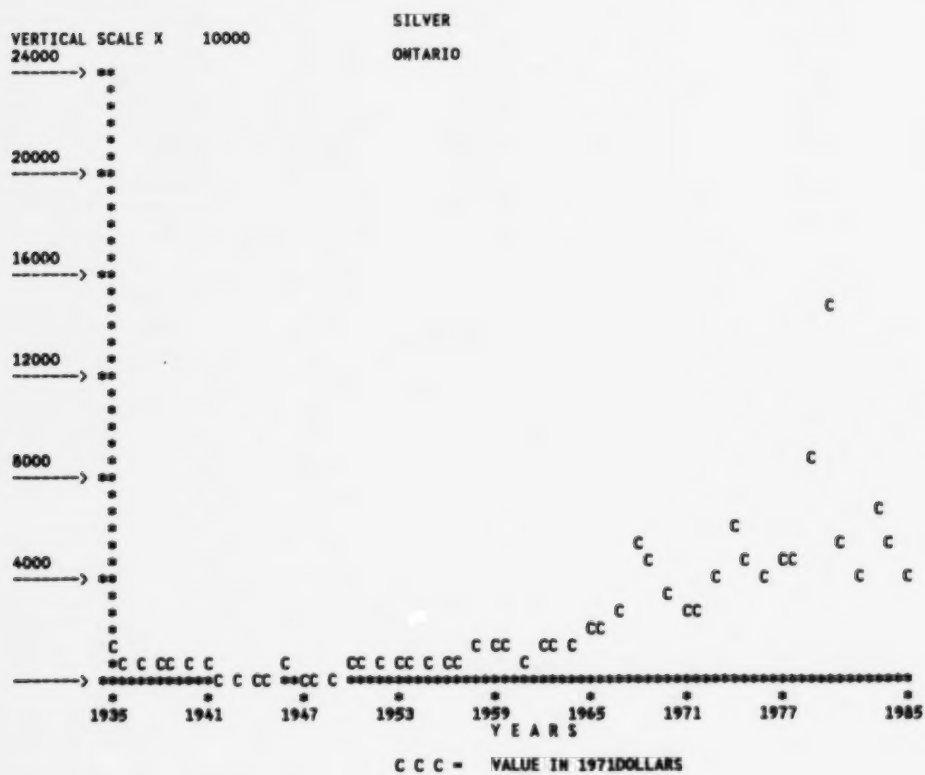
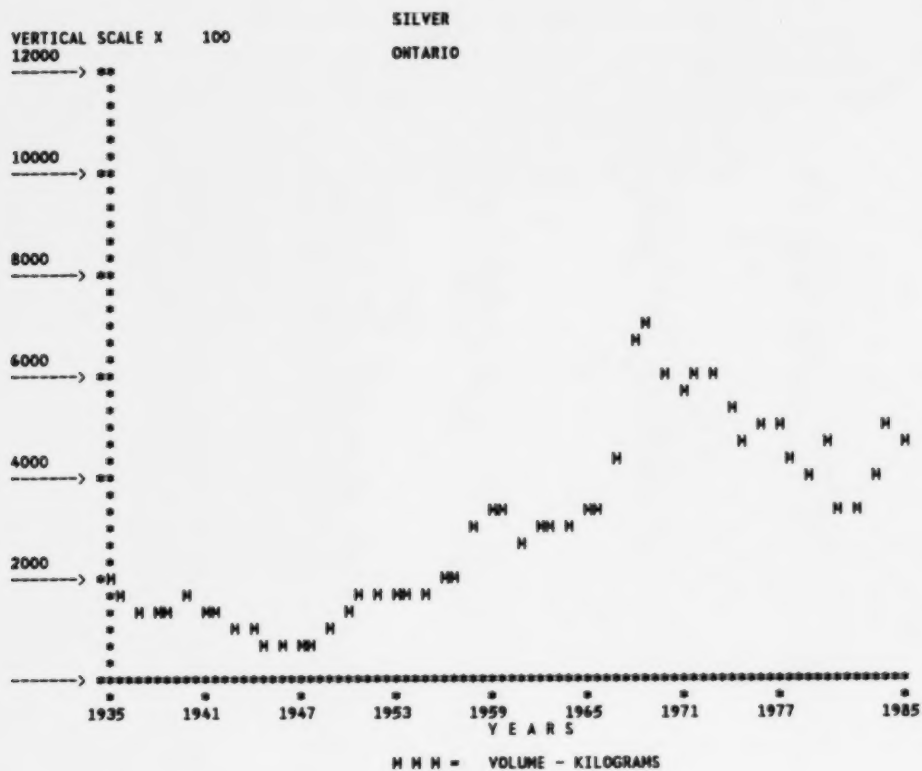
VOLUME AND VALUE OF PRODUCTION OF SAND & GRAVEL
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	SHORT TONS	TONNES	DOLLARS	1971 DOLLARS	1985 DOLLARS	
1913	575070	521694	233567	648797	2033979	3.90
1914	484785	439789	151909	421969	1322874	3.01
1915	905188	821172	178288	495244	1552591	1.89
1916	1709064	1550436	470963	1308230	4101302	2.65
1917	1603764	1454910	431597	1198880	3758490	2.58
1918	1381721	1253476	553638	1537883	4821264	3.85
1919	1438899	1305347	501666	1393516	4368674	3.35
1920	2919025	2648094	1390704	3863066	12110714	4.57
1921	6273173	5690926	1496729	4157580	13034015	2.29
1922	3576420	3244473	1816320	5045333	15817120	4.88
1923	4361886	3957036	1623317	4509213	14136385	3.57
1924	4395478	3987510	1587913	4410869	13828075	3.47
1925	3913292	3550078	1658700	4607500	14444512	4.07
1926	4899580	4444824	2117461	5801263	18186959	4.09
1927	5381769	4882258	2035793	5639315	17679255	3.62
1928	6193117	5618301	2056366	5728039	17957402	3.20
1929	8045213	7298494	3156254	8671027	27183670	3.72
1930	10215859	9267671	3559487	10055048	31522575	3.40
1931	6663972	6045453	2317015	6958002	21813339	3.61
1932	6590808	5979080	2000298	6645508	20833668	3.48
1933	5670030	5143764	2467916	8337554	26138232	5.08
1934	7254926	6581558	1714569	5715230	17917246	2.72
1935	8154618	7397745	2095610	6962159	21826370	2.95
1936	8498153	7709394	2227620	7162765	22455269	2.91
1937	8832526	8012732	3613854	11293293	35404476	4.42
1938	8531281	7739447	3046043	9548724	29935250	3.87
1939	9347792	8480174	3535698	11153621	34966603	4.12
1940	9678745	8780409	4025026	12160199	38122225	4.34
1941	11569382	10495566	4524463	12673565	39731629	3.79
1942	8420358	7638820	3433986	9206396	28862053	3.78
1943	8285309	7516305	3620852	9380445	29407697	3.91
1944	9529803	8645291	4417427	11071245	34708355	4.01
1945	10466891	9495403	4466862	10948191	34322579	3.61
1946	14880006	13498914	6738695	16044512	50299545	3.73
1947	20230499	18352800	9034131	19768339	61973743	3.38
1948	20587398	18676573	10468216	20405879	63972431	3.43
1949	22320753	20249046	11214136	20921895	65590142	3.24
1950	29879097	27105861	15285406	27893076	87444795	3.23
1951	39218058	35578024	19905293	32578221	102132723	2.87
1952	43423737	39393351	23240203	36483835	114376823	2.90
1953	43658099	39605961	24359496	38301094	120073931	3.03
1954	46433191	42123482	25577612	39593826	124126646	2.95
1955	51488067	46709189	29945730	46070354	144430560	3.09
1956	61436363	55734131	34379015	51007441	159908328	2.87
1957	66129158	59991363	36699895	53342870	167229900	2.79
1958	76469064	61206905	40055031	57385431	179903326	2.94
1959	73981703	67115072	39695602	55752250	174783304	2.60
1960	77660833	70452723	43929708	60928859	191011976	2.71
1961	70208199	63691807	40344071	55646994	174453328	2.74
1962	76600813	69491089	52365204	71245176	223353624	3.21
1963	80259750	72810421	56388204	75385299	236332914	3.25
1964	76917396	69778288	54589444	71172678	223126346	3.20
1965	88564687	80344533	63405954	80159234	251299198	3.13
1966	94123982	85387840	67245821	81312964	254916142	2.99
1967	94751250	85956888	67664191	78770886	246946728	2.87
1968	84095642	76290283	55094706	62113535	194725934	2.55
1969	82657386	74985519	46245525	49887298	156396680	2.09
1970	82877000	75184750	54419000	56217975	176243352	2.34
1971	77631000	70425659	57104000	57104000	179021040	2.54
1972	76380000	69290771	64320000	61315539	192224216	2.77
1973	80567636	73089730	74408416	65442758	205163048	2.81
1974	79984667	72560870	85518082	66088162	207186390	2.86
1975	76837088	69705434	95578927	65241588	204532382	2.93
1976	75841273	68802045	106093326	66142971	207358218	3.01
1977	83114703	75400390	121775893	70923641	222345616	2.95
1978	96833371	87845756	142743210	78129835	244937034	2.79
1979	99776403	90515630	151847457	75658923	237190722	2.62
1980	85517591	77580254	133979765	60161547	188606448	2.43
1981	77372742	70191371	134335610	54541457	170987468	2.44
1982	59048484	53567384	116552053	42506219	133256996	2.49
1983	59064249	53582186	120231677	41387840	129750882	2.42
1984	63293807	57419176	136124510	45633426	143060790	2.49
1985	76335058	69250000	167400000	53397129	167400000	2.42
TOTAL	2873218100	2606539599		2370774625	7432378516	



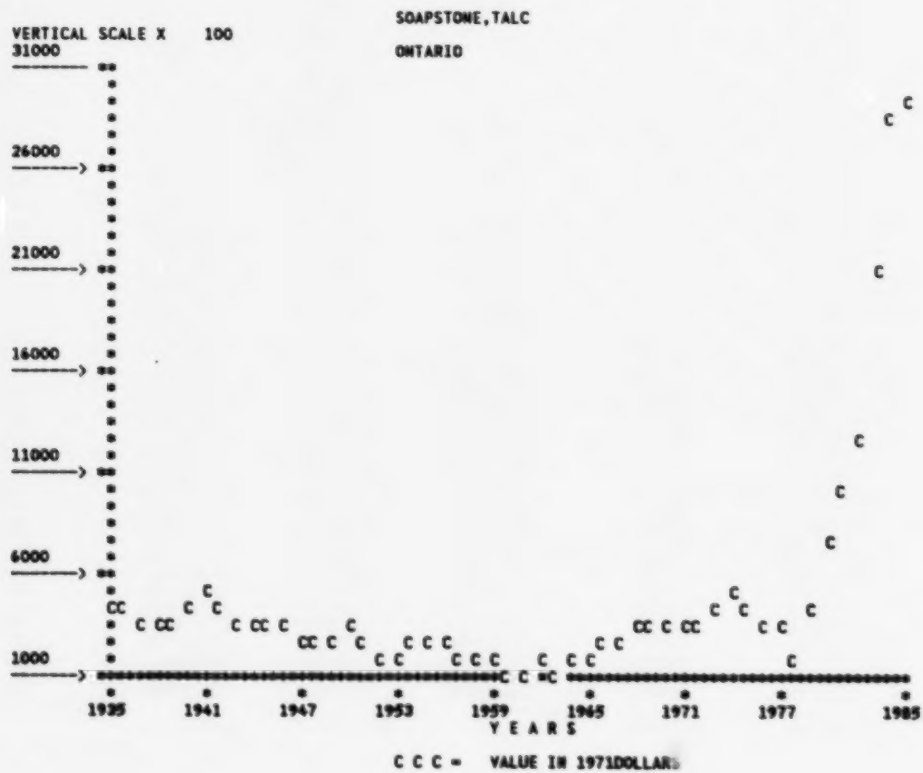
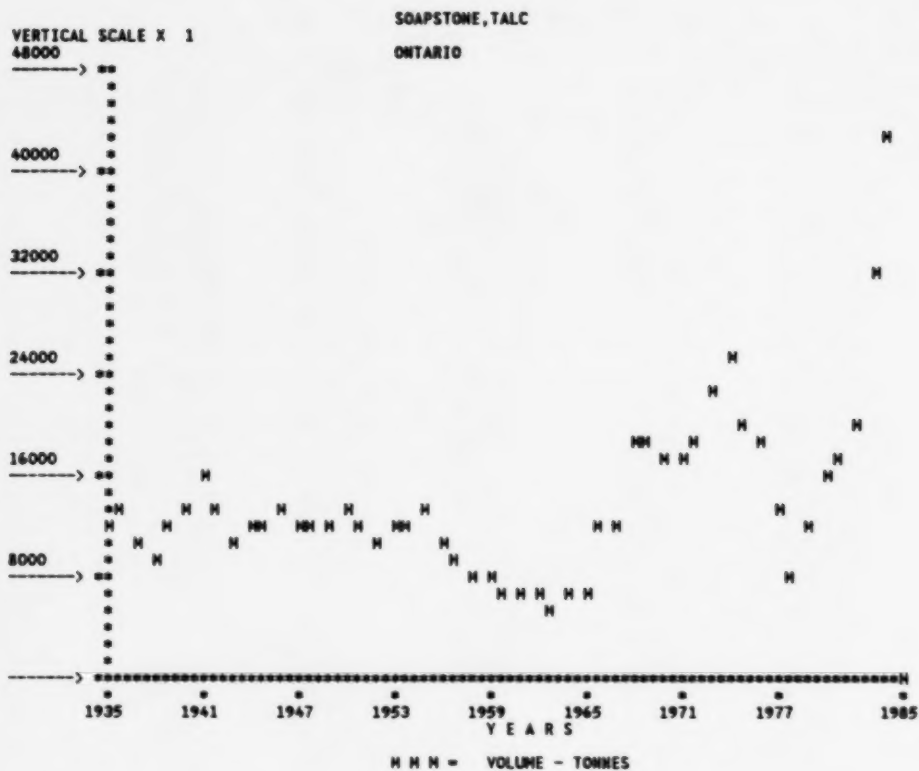
VOLUME AND VALUE OF PRODUCTION OF SELENIUM
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	POUNDS	KILOGRAMS	DOLLARS	1971 DOLLARS	1985 DOLLARS	1985 DOLLARS/KILOGRAMS
1931	16899	7665	32108	96420	302278	39.44
1932	0	0	0	0	0	.00
1933	26090	11834	53745	181570	569224	48.10
1934	51574	23393	91286	304286	953938	40.78
1935	75363	34184	144497	480720	1507060	44.09
1936	106300	48216	188151	604987	1896634	39.34
1937	116696	52932	201884	630887	1977832	37.37
1938	54577	24755	94691	296836	930583	37.59
1939	126930	57574	224539	708324	2220598	38.57
1940	136350	61847	260429	786794	2466400	39.88
1941	142498	64636	272171	762383	2390073	36.98
1942	76000	34473	145920	391206	1165472	35.58
1943	82000	37194	143500	371761	1165472	31.33
1944	65000	29483	117000	293233	919285	31.18
1945	168000	76203	322560	790588	2478494	32.52
1946	270606	122744	492503	1172626	3676183	29.95
1947	146406	66408	273779	599078	1878111	28.28
1948	108989	49436	217978	424908	1332087	26.95
1949	86842	39390	178026	332138	1041252	26.43
1950	63709	28897	154176	281343	882010	30.52
1951	82409	37380	267005	436996	1369984	36.65
1952	81578	37003	265128	416213	1304829	35.26
1953	92698	42047	389332	612157	1919112	45.64
1954	94826	43012	474130	733947	2300925	53.49
1955	94465	42848	708488	1089981	3417092	79.75
1956	109156	49512	1473606	2186359	6854235	138.44
1957	86459	39217	951049	1382138	4333631	110.50
1958	90295	40957	677213	970219	3041637	74.26
1959	101400	45994	709800	996910	3125313	67.95
1960	144500	65544	1011500	1402912	4398131	67.10
1961	164800	74752	1071200	1477517	4632016	61.97
1962	142915	64825	821761	1118042	3505062	54.07
1963	95100	43136	461235	616624	1933117	44.81
1964	104905	47584	508789	663349	2079600	43.70
1965	123175	55871	597399	755245	2367693	42.38
1966	111000	50348	538350	650967	2040782	40.53
1967	134800	61144	653780	761094	2386030	39.02
1968	127500	57833	618375	697153	2185575	37.79
1969	84000	38101	480480	518317	1624924	42.65
1970	131506	59650	1130952	1168338	3662742	61.40
1971	128000	58059	1163520	1163520	3647635	62.83
1972	108783	49343	969257	923981	2896683	58.71
1973	94950	43068	867843	763274	2392865	55.56
1974	128504	58288	2023938	1564094	4903435	84.12
1975	107700	48851	1971987	1346066	4219917	86.38
1976	108400	49169	1924100	1199563	3760631	76.48
1977	117174	53149	2128700	1239778	3886706	73.13
1978	69403	31480	1187485	649964	2037638	64.73
1979	40400	18325	581356	289664	908097	49.56
1980	94999	43091	1068915	479979	1504736	34.92
1981	62999	28576	679823	276014	865304	30.28
1982	55199	25038	273915	99896	313174	12.51
1983	77721	35254	334615	115185	361107	10.24
1984	120334	54583	1106316	370873	1162688	21.30
1985	123458	56000	1225224	390821	1225224	21.88
TOTAL	5556340	2520296		39037438	122382416	



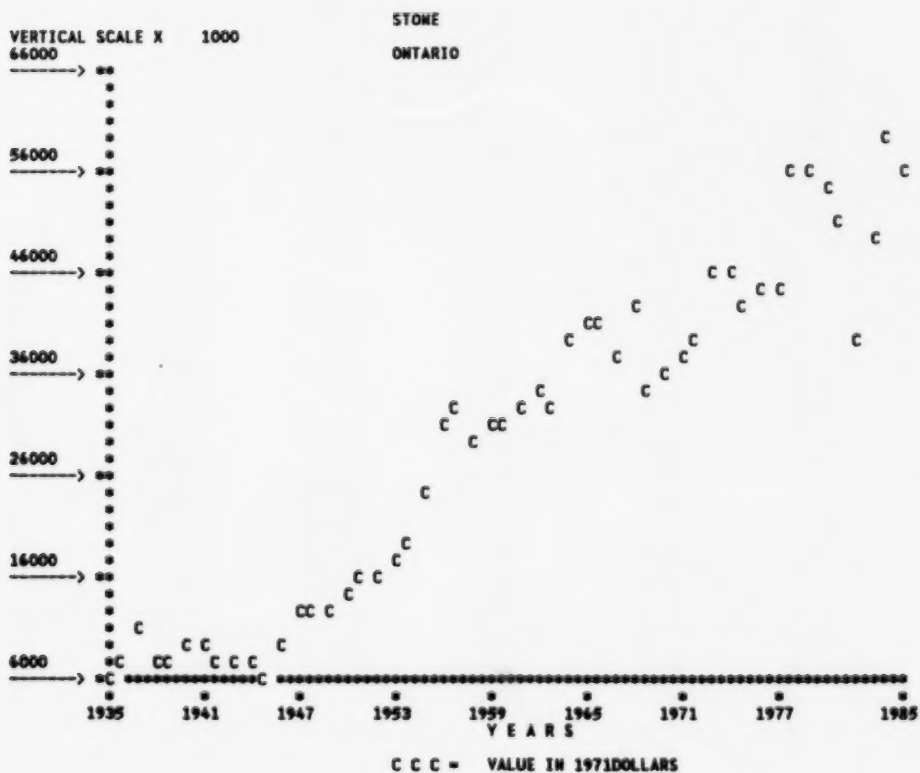
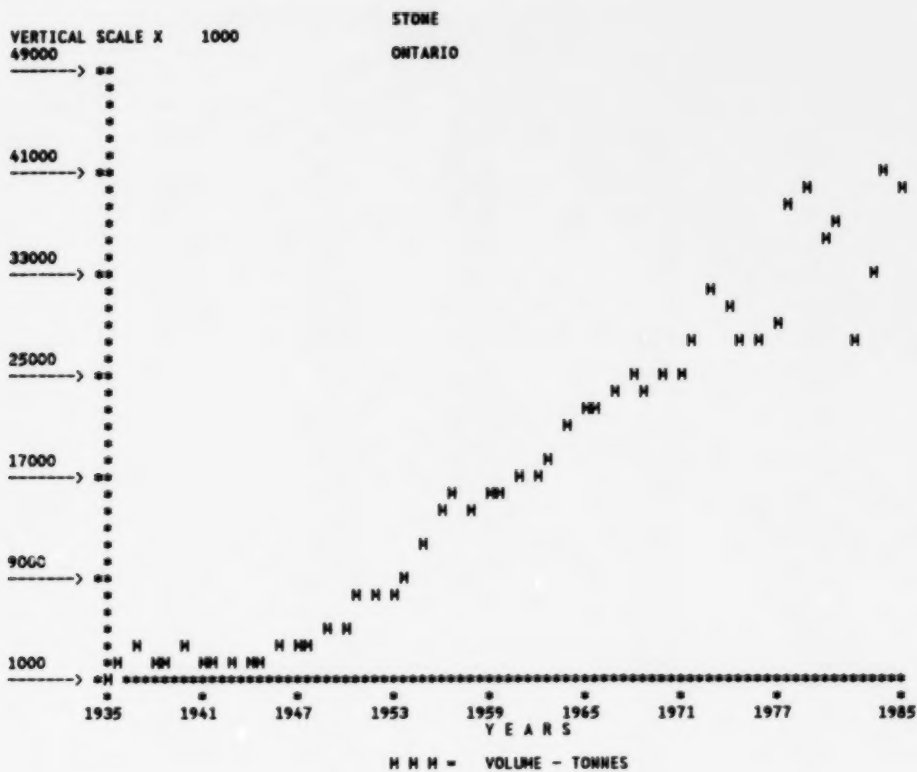
VOLUME AND VALUE OF PRODUCTION OF SILVER
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	TROY OUNCES	KILOGRAMS	DOLLARS	1971 DOLLARS	1985 DOLLARS	
1901	145000	4510	80088	222466	697433	154.64
1902	96666	3006	58000	161111	505083	168.02
1903	16000	497	8640	24000	75240	151.39
1904	206881	6434	111893	310813	974401	151.45
1905	2473552	76936	1372877	3813547	11955470	155.40
1906	5433984	169015	3689286	10248016	32127532	190.09
1907	9996887	310937	6146904	17074733	53529289	172.15
1908	19444397	604788	9136975	25380486	79567824	131.56
1909	26006450	808891	12646073	35127980	110128220	136.14
1910	30901242	961136	15624312	43400867	136061718	141.96
1911	31499410	979741	16175229	44931192	140859286	143.77
1912	30721026	955530	17699391	49164975	154132198	161.31
1913	29797060	926792	16588887	46080242	144461558	155.87
1914	25172982	782967	12830913	35641425	111735868	142.71
1915	24354882	757521	11950198	33194994	104066308	137.38
1916	19959116	620797	12672536	35201489	110356668	177.77
1917	19479288	605873	16182966	44952683	140926662	232.60
1918	17413506	541620	17414283	48373008	151649382	279.99
1919	11335018	352558	12904348	35845411	112375364	318.74
1920	11065507	344175	10859320	301644778	94566579	274.76
1921	8427102	262112	5667071	15741864	49350743	188.28
1922	10912114	339404	7793755	21649319	67870617	199.97
1923	10635724	330807	6840872	19002422	59572594	180.08
1924	10287994	319992	6939240	19275646	60429215	188.85
1925	12035119	374334	8298106	23050294	72262673	193.04
1926	10389156	323138	6343415	17379219	54483852	168.61
1927	9047598	281411	5171753	14326185	44912592	159.60
1928	7218271	224513	4189713	11670509	36587047	162.96
1929	8518816	264964	4381028	12035791	37732205	142.41
1930	10566498	328654	4026894	11375406	35661900	108.51
1931	7185593	223496	2208449	6631978	20791253	93.03
1932	5768230	179412	1755186	5831182	18280758	101.89
1933	5076927	157910	1887398	6376344	19989840	126.59
1934	5284736	164373	2485893	8286310	25977582	158.04
1935	6265035	194864	4013157	13332747	41798164	214.50
1936	5132583	159641	2294402	7377498	23128457	144.88
1937	4507683	140204	2011538	6286056	19706786	140.56
1938	4403334	136958	1914602	6001887	18815916	137.38
1939	4633589	144120	1860728	5869804	18401836	127.68
1940	5083671	158119	1852110	5595498	17541888	110.94
1941	4756679	147949	1787633	5007375	15698122	106.10
1942	4311631	134106	1748491	4687643	14695762	109.58
1943	3152765	98061	1360417	3524396	11048982	112.67
1944	2947871	91689	1239961	3107671	9742550	106.26
1945	2861188	88992	1321491	3238948	10154103	114.10
1946	2608365	81129	2171545	5170345	16209032	199.79
1947	2413827	75078	1715401	3753612	11767575	156.74
1948	2776544	86360	2155682	4202109	13173612	152.54
1949	2941433	91488	2209831	4122819	12925037	141.28
1950	4925337	153195	4082207	7449282	23353501	152.44
1951	6115694	190219	5781939	9463075	29666741	155.96
1952	6017665	187170	5021323	7882767	24712476	132.03
1953	5154619	160326	4331199	6810061	21349542	133.16
1954	5443721	169318	4530484	7013133	21986172	129.85
1955	6051017	188207	5337163	8211020	25741548	136.77
1956	6626447	206105	5940586	8813925	27631657	134.07
1957	6910130	214929	6034598	8771218	27497768	127.94
1958	9815257	305288	8529142	12219401	38307822	125.48
1959	10540856	327857	9252763	12995453	40740747	124.26
1960	11220823	349006	9976434	13836940	43378808	124.29
1961	8870402	275900	8361240	11532744	36155155	131.04
1962	9383445	291857	10931713	14873078	46627102	159.76
1963	9601621	298643	13288643	17765565	55695048	186.49
1964	9929858	308853	13901801	18124903	56821573	183.98
1965	10822213	336608	15151098	19154359	60048915	178.39
1966	10900204	339034	15249385	18439401	57807523	170.51
1967	14309391	445071	24783864	28851995	90451005	203.23
1968	21844592	679442	50526541	56963406	178580278	262.83
1969	22260439	692377	42962647	46345898	145294390	209.85
1970	19876430	618226	36771396	37986979	119089181	192.63
1971	18681633	581063	29143347	29143347	91364393	157.24
1972	19587694	609245	49553568	31183459	97760146	160.46
1973	19617406	610169	82638847	43582733	136631870	223.92
1974	17852419	555272	67176070	45853973	200210808	360.56
1975	14908138	463694	70131231	43722712	143752206	310.02
1976	16317178	507520	82937621	48303797	151432406	270.08
1977	16857240	524318	88162373	48255266	151280262	288.82
1978	14286562	444361	171832807	85616745	268408496	340.44
1979	13244397	411946	335566122	150680792	472384280	651.56
1980	14822362	461027	136969048	55610657	174339408	1024.63
1981	10570490	328779	118679990	43282272	135689922	530.26
1982	11159473	346974	197916854	68129726	213586692	391.07
1983	13332786	414696	163232892	54721050	171580492	915.04
1984	16606664	516525	136487000	43536523	136487000	332.12
1985	15721715	489000				279.11
TOTAL	945851248	29419222		2042215865	6402346815	



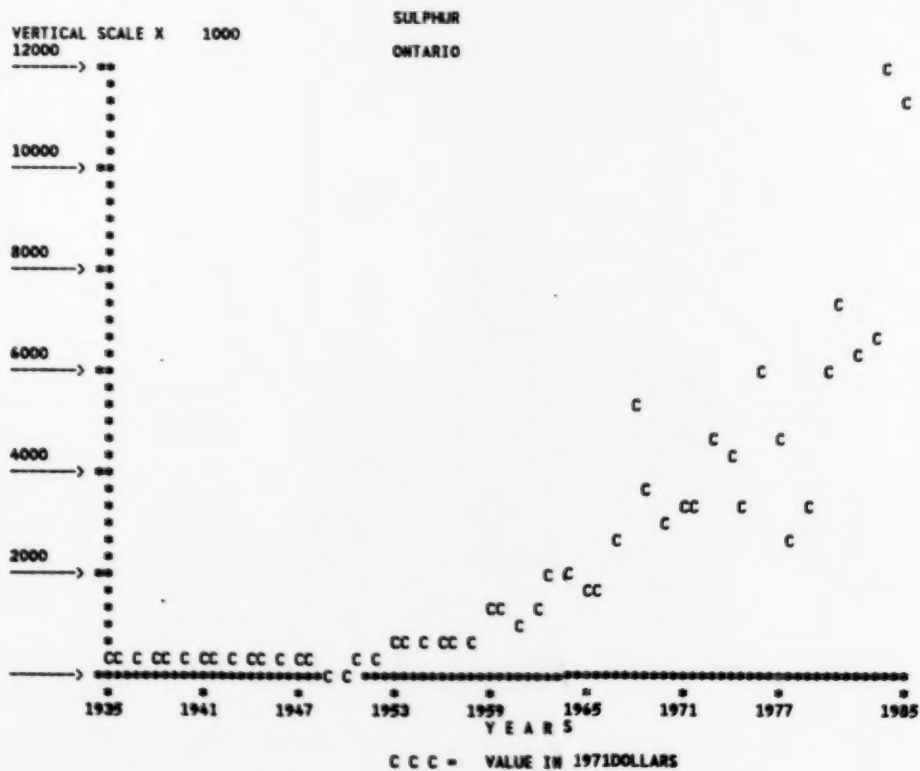
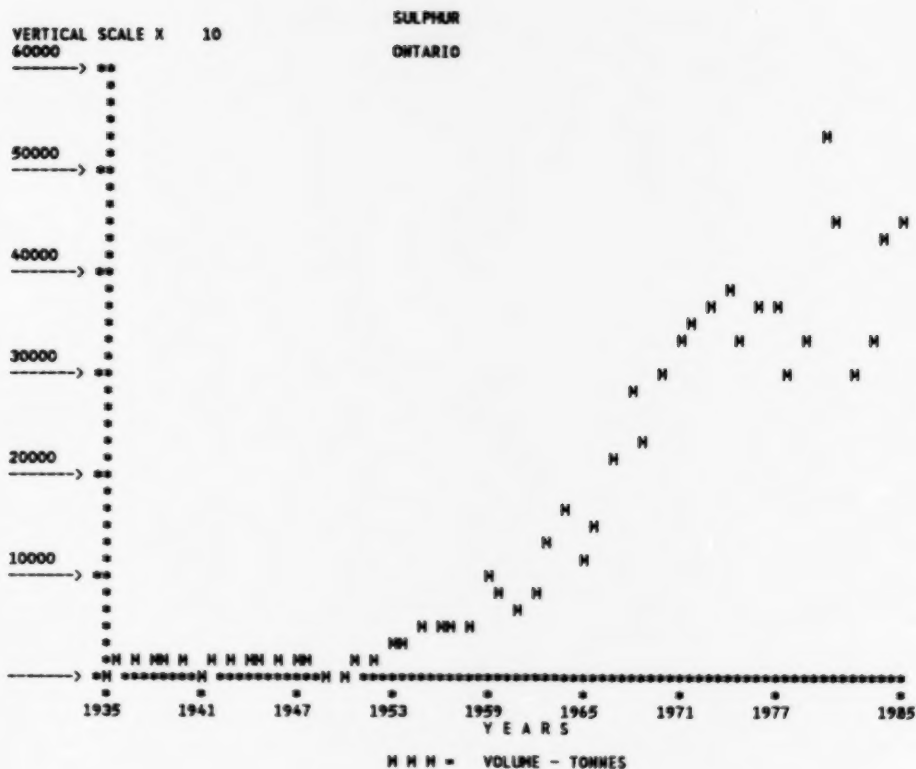
VOLUME AND VALUE OF PRODUCTION OF SOAPSTONE, TALC
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE 1985 DOLLARS/TONNES
	SHORT TONS	TONNES	DOLLARS	1971 DOLLARS	1985 DOLLARS	
1901	400	362	1400	3888	12191	33.68
1902	697	632	930	2583	8098	12.81
1903	920	834	2625	7291	22859	27.41
1904	1313	1191	2919	8108	25419	21.34
1905	1120	1016	2240	6222	19506	19.20
1906	1235	1120	3030	8416	26386	23.56
1907	1870	1696	5010	13916	43628	25.72
1908	1016	921	3048	8466	26543	28.82
1909	4350	3946	8700	24166	75762	19.20
1910	5824	5283	46592	129422	405738	76.80
1911	5404	4902	47725	132569	415605	84.78
1912	6726	6101	61358	170438	534325	87.58
1913	20738	18813	125340	348166	1091502	58.02
1914	10135	9194	74583	207175	649493	70.64
1915	11005	9983	85325	237013	743038	74.43
1916	11810	10713	111489	309691	970883	90.63
1917	16076	14583	179554	498761	1563616	107.22
1918	17465	15843	246691	685252	2148267	135.60
1919	17571	15940	240399	667775	2093474	131.33
1920	20359	18469	306319	850886	2667527	144.43
1921	9967	9041	140390	389972	1222562	135.22
1922	12871	11676	178397	495547	1553540	133.05
1923	9531	8646	125124	347566	1089621	126.03
1924	10718	9723	130577	362713	1137108	116.95
1925	13678	12408	174116	483655	1516260	122.20
1926	14882	13500	178986	490372	1537318	113.88
1927	15138	13732	181981	504102	1580361	115.09
1928	14925	13539	179187	499128	1564766	115.57
1929	15463	14027	180492	495857	1554512	110.82
1930	11664	10581	133213	376307	1179725	111.49
1931	11806	10710	122044	366498	1148972	107.28
1932	12064	10944	111585	370714	1162189	106.19
1933	15114	13711	142134	480182	1505371	109.79
1934	13934	12640	135978	453260	1420970	112.42
1935	13710	12437	138161	459006	1438985	115.70
1936	14461	13118	143701	462061	1448561	110.43
1937	12457	11300	123301	385315	1207964	106.90
1938	10853	9845	109810	344231	1079167	109.62
1939	13144	11924	128595	405662	1271751	106.65
1940	15166	13758	154734	467474	1465532	106.52
1941	18171	16484	204884	573904	1799191	109.15
1942	15499	14060	174295	467278	1464919	104.19
1943	11959	10849	131216	339937	1065705	98.23
1944	13584	12323	153122	383764	1203101	97.63
1945	12863	11669	141194	346063	1084909	92.97
1946	14439	13098	153680	365904	1147111	87.58
1947	13430	12183	142910	312713	980356	80.47
1948	14301	12973	164462	320588	1005045	77.47
1949	13600	12337	160757	299919	940248	76.21
1950	15263	13846	182048	332204	1041460	75.22
1951	13651	12383	160540	262749	823719	66.52
1952	12454	11298	149711	235025	736803	65.22
1953	13310	12074	125209	196869	617185	51.13
1954	13697	12425	169651	262617	823306	64.26
1955	14591	13236	194952	299926	940268	71.04
1956	12371	11222	167851	249037	780731	69.57
1957	11236	10193	160015	232579	729138	71.53
1958	8725	7915	125511	179815	563720	71.22
1959	8796	7979	125903	176830	554362	69.48
1960	7189	6521	102645	142364	446313	68.44
1961	7417	6728	107660	148496	465536	69.19
1962	8082	7331	127912	174029	545583	74.42
1963	6903	6262	107986	144366	452588	72.28
1964	8060	7311	136468	177924	557792	76.29
1965	8028	7282	137458	173777	544792	74.81
1966	13509	12255	219924	265929	833690	68.03
1967	13829	12545	228650	264181	834479	66.52
1968	20254	18374	298991	337081	1056749	57.51
1969	20269	18387	315347	340180	1064464	58.00
1970	19109	17335	334889	345999	1084583	62.57
1971	19420	17617	352541	352541	1105216	62.74
1972	20873	18935	417728	398215	1248405	65.93
1973	24803	22500	550799	484431	1518693	67.90
1974	28626	25969	723119	558824	1751915	67.44
1975	23011	20876	624381	426198	1336132	64.00
1976	20486	18585	586902	365899	1147093	61.72
1977	15552	14109	660189	384501	1205412	85.44
1978	9243	8386	440324	241009	755564	90.10
1979	13390	12148	914257	455534	1428099	117.56
1980	17982	16313	1697535	762251	2389659	146.49
1981	20094	18229	2591565	1052198	3298642	180.96
1982	22555	20462	3433781	1252290	3925931	191.86
1983	36240	32877	6060101	2086093	6539902	198.92
1984	47194	42814	8505499	2851323	8938900	208.78
1985	N/A	N/A	9181000	2928548	9181000	.00
TOTAL	1121638	1017500		39913688	112589504	



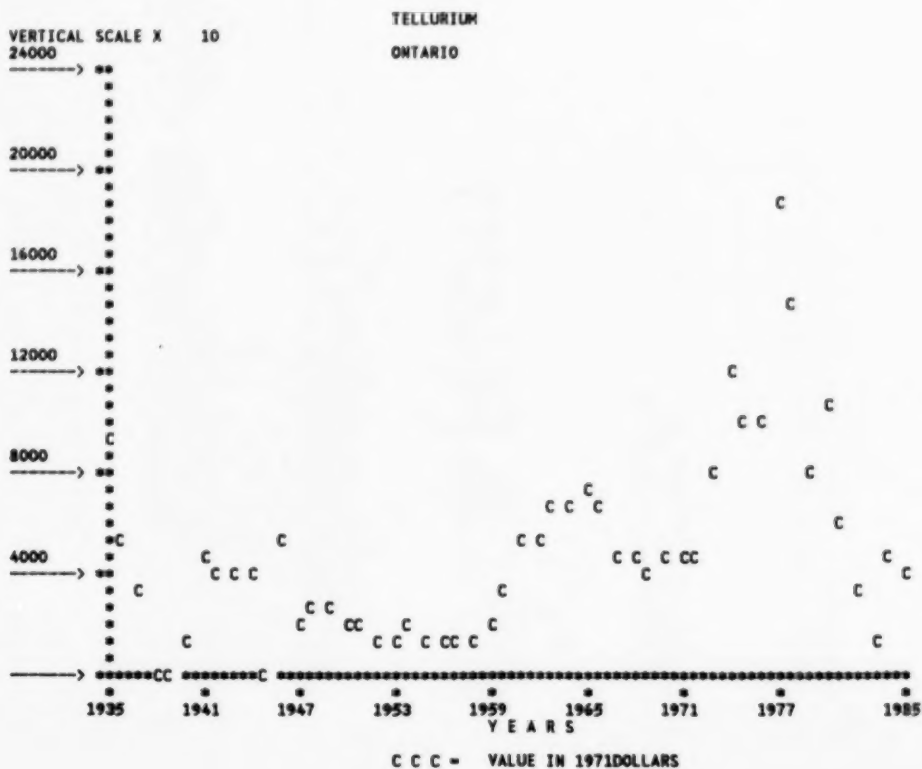
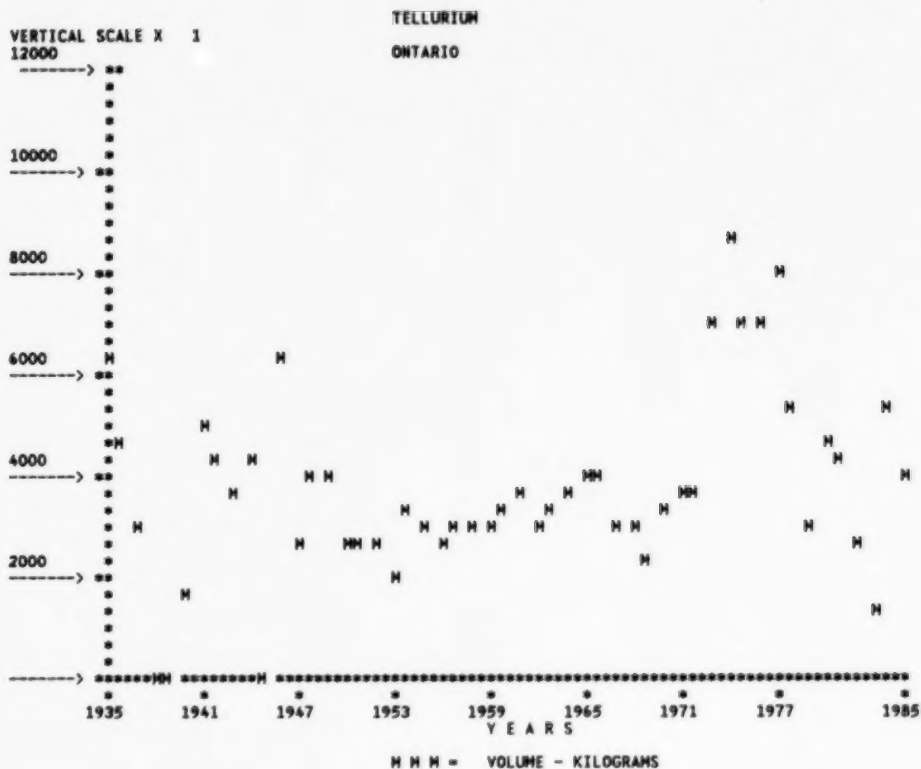
VOLUME AND VALUE OF PRODUCTION OF STONE
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	SHORT TONS	TONNES	DOLLARS	1971 DOLLARS	1985 DOLLARS	1985 DOLLARS/TONNES
1909	0	0	660000	1833333	5747500	.00
1910	0	0	761126	2114238	6628138	.00
1911	0	0	692627	1923963	6031626	.00
1912	0	0	953839	2649552	8306348	.00
1913	0	0	1137153	3158758	9902707	.00
1914	0	0	1088862	3024616	9482173	.00
1915	0	0	651593	1809980	5674289	.00
1916	0	0	755313	2098091	6577517	.00
1917	0	0	941052	2614033	8194994	.00
1918	0	0	869238	2414550	7569614	.00
1919	0	0	1230922	3419227	10719279	.00
1920	0	0	3944972	10958255	34354131	.00
1921	2716080	2463986	4167582	11576616	36292693	14.73
1922	2317265	2102187	2969926	8249794	25863105	12.30
1923	2858993	2593634	2552555	7090430	22228500	8.57
1924	2840173	2576561	2789368	7748244	24290746	9.43
1925	3023594	2742958	2817335	7825930	24534292	8.94
1926	3627971	3291239	3258168	8926487	27984529	8.50
1927	4254960	3860034	4060709	11248501	35264052	9.14
1928	4597764	4171021	4024989	11211668	35148580	8.43
1929	5244194	4757452	4771616	13108835	41096198	8.64
1930	5431106	4927016	4853852	13711446	42985384	8.72
1931	3708085	3363918	2974415	8932177	28002375	8.32
1932	1905138	1728312	1655016	5498392	17237459	9.97
1933	1253907	1137525	983268	3321851	10414004	9.15
1934	2460421	2232056	1966107	6553690	20545818	9.20
1935	2122941	1925899	1863892	6192332	19412961	10.08
1936	2706680	2455458	2398456	7712077	24177362	9.85
1937	4277601	3880574	3663769	11449278	35893487	9.25
1938	2513291	2280019	2323165	7282648	22831104	10.01
1939	2437594	2211348	2298111	7249561	22727375	10.28
1940	3840274	3483837	3387395	10233821	32083031	9.21
1941	3526337	3199039	3274027	9170944	28750909	8.99
1942	3106982	2818606	2985937	8005192	25096280	8.90
1943	3206027	2908458	2958383	7664204	24027281	8.26
1944	2988283	2710924	2909980	7293183	22864128	8.43
1945	2952357	2678333	2926694	7173269	22488200	8.40
1946	3882559	3522198	3906786	9301871	29161367	8.28
1947	4726647	4287942	5722763	12522457	39257904	9.16
1948	5017940	4552198	6338253	12355269	38733768	8.51
1949	5649528	5125165	7380457	13769509	43167411	8.42
1950	5649528	5185521	7843124	14312270	44868966	8.65
1951	8080087	7330131	10396650	17015793	53344514	7.28
1952	8217411	7454709	10302173	16172956	50702217	6.80
1953	8818886	8000358	11818582	18582676	58256689	7.28
1954	10142056	9200718	12632298	19554640	61303799	6.66
1955	12739139	11556752	16307795	25089192	78654619	6.81
1956	15734664	14274247	20820727	30891286	96844184	6.78
1957	17390438	15776340	22195815	32261358	101139360	6.41
1958	15756560	14294110	20670480	29613868	92839476	6.49
1959	17288796	15684132	22053425	30973911	97103212	6.19
1960	17938583	16273608	23220659	32206184	100966388	6.20
1961	18361843	16657583	23493092	32404264	101587370	6.10
1962	18797648	17052939	25043550	34072857	106818407	6.26
1963	20402614	18508940	25073907	33521265	105089169	5.68
1964	23845993	21632721	30818734	40180879	125967056	5.82
1965	24659053	22370316	32284988	40815408	127956305	5.72
1966	25702843	23317227	33602286	40631543	127379887	5.46
1967	25744989	23355461	32522455	37860832	118693709	5.08
1968	28636257	25978375	37733856	42540987	133365996	5.13
1969	27034506	24525291	32293526	34836598	109212735	4.45
1970	27673376	25104864	34447188	35585938	111561916	4.44
1971	28238491	25617528	38483600	38483600	120646086	4.71
1972	31091493	28205728	41230596	39304667	123220133	4.37
1973	35539327	32240735	52869733	46499325	145775386	4.52
1974	34459673	31261289	60916200	47075889	147582912	4.72
1975	30342065	27525859	62249745	42491293	133210207	4.84
1976	31047044	28165405	71860589	44800864	140450716	4.99
1977	31822770	28869132	77884277	45360673	142205712	4.93
1978	42041265	38139194	101622551	55622633	174374954	4.57
1979	43906153	39830992	113477990	56541101	177256352	4.45
1980	39690103	36006256	122858916	55167901	172951368	4.80
1981	41387762	37546346	126905736	51524862	161530442	4.30
1982	31371993	28460194	110784867	40402942	126663222	4.45
1983	37293215	33831836	143703182	49467532	159080716	4.58
1984	45620919	41386602	179479698	60167515	188625160	4.56
1985	44092452	40000000	175000000	55821371	175000000	4.38
TOTAL	1025821218	930609336		1668255147	5229979969	



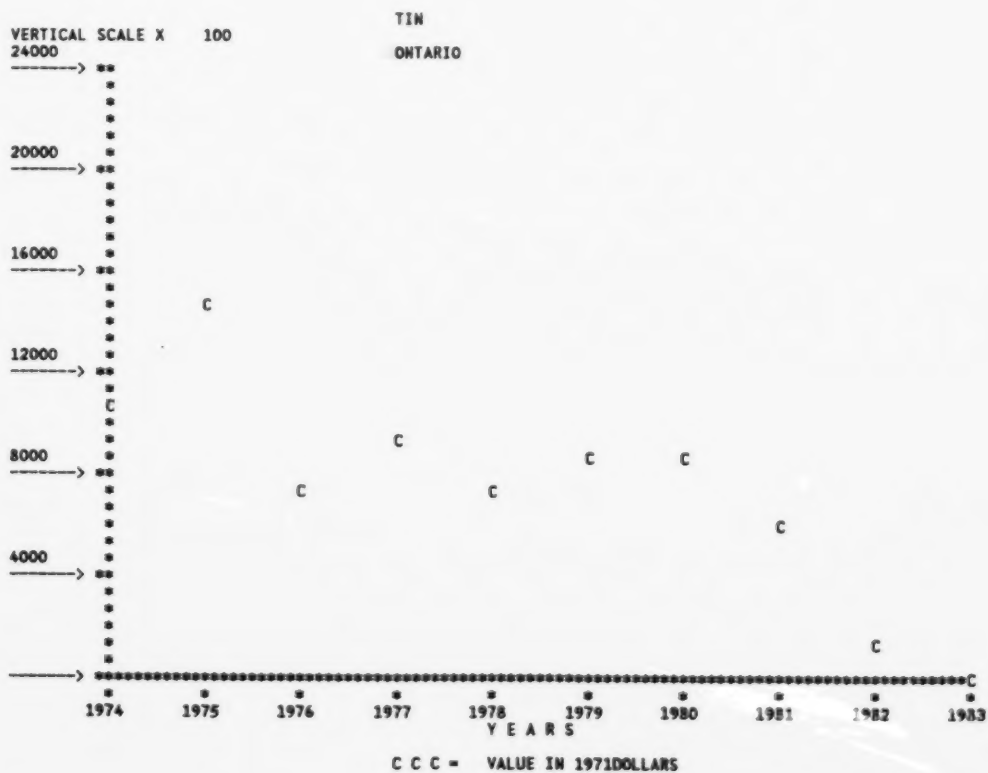
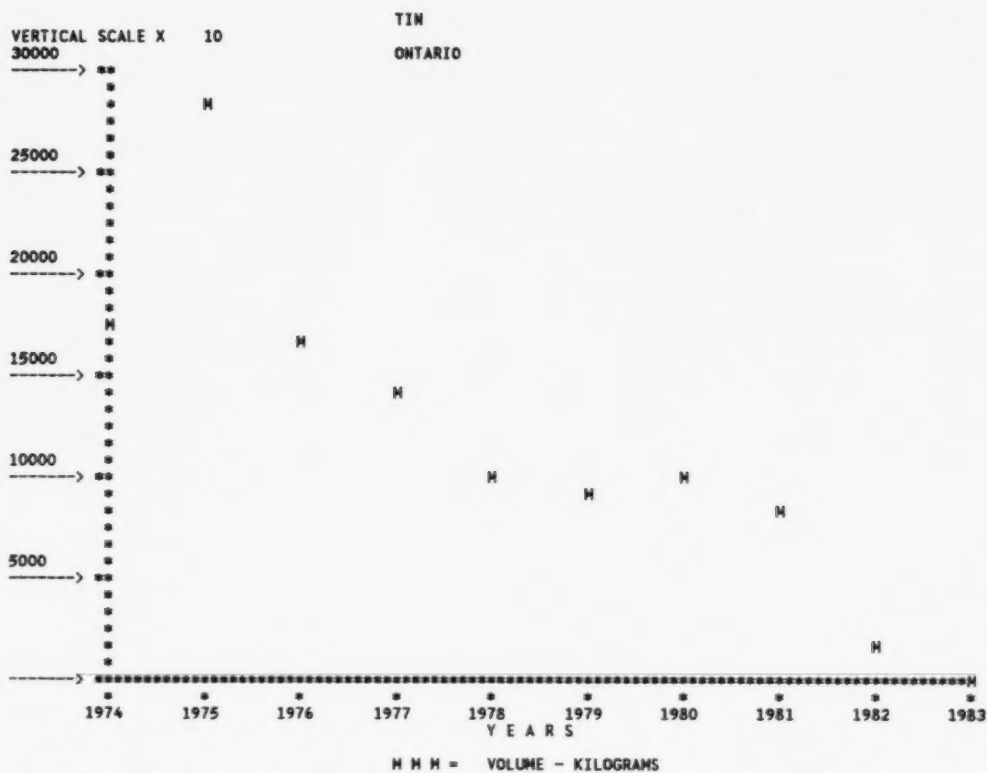
VOLUME AND VALUE OF PRODUCTION OF SULPHUR
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	SHORT TONS	TONNES	DOLLARS	1971 DOLLARS	1985 DOLLARS	1985 DOLLARS/TONNES
1901	7090	6390	17500	48611	152395	24.00
1902	4371	3965	14993	41647	130564	32.93
1903	7469	6775	21693	60258	188909	27.88
1904	13451	12202	43716	121433	380693	31.20
1905	7325	6645	21885	60791	190581	28.68
1906	10323	9364	38368	106577	334121	35.68
1907	15755	14292	51842	144005	451457	31.59
1908	20970	19023	69980	194388	609409	32.04
1909	28946	26259	78171	217141	680739	25.92
1910	33812	30673	98353	273202	856490	27.92
1911	43629	39579	118457	329047	1031563	26.06
1912	20744	18818	71043	197341	618666	32.88
1913	71620	64972	171687	476908	1495107	23.01
1914	107258	97302	264722	735338	2305287	23.69
1915	145315	131827	353498	981938	3078378	23.35
1916	175593	159295	471807	1310575	4108652	25.79
1917	286049	259499	1111264	3086844	9677257	37.29
1918	270966	245816	1144737	3179825	9968751	40.55
1919	117178	106302	366422	1017838	3190924	30.02
1920	148651	134853	618283	1717452	5384214	39.93
1921	27785	25206	101306	281405	882206	35.00
1922	11235	10192	39763	110452	346269	33.97
1923	25134	22801	99716	276988	868360	38.08
1924	11429	10368	44542	123727	387886	37.41
1925	685	621	8799	24441	76624	123.39
1926	371	336	4912	13457	42189	125.56
1927	463	420	6077	16833	52773	125.65
1928	4974	4512	54100	150696	472433	104.71
1929	4579	4153	51516	141527	443688	106.84
1930	7277	6601	73855	208629	654054	99.08
1931	6508	5903	65080	195435	612690	103.79
1932	3332	3022	33320	110697	347037	114.84
1933	8196	7435	81960	276891	868056	116.75
1934	14598	13243	145980	486600	1525491	115.19
1935	13292	12058	132920	441594	1384399	114.81
1936	14152	12838	141520	455048	1426576	111.12
1937	14009	12708	140090	437781	1372444	108.00
1938	16897	15328	168970	529686	1660567	108.34
1939	16126	14629	161260	508706	1594795	109.02
1940	18688	16953	186880	564592	1769996	104.41
1941	10057	9123	100570	281708	883156	96.81
1942	18634	16904	186340	499571	1564155	92.65
1943	16907	15337	169070	438005	1373146	89.53
1944	17876	16216	178760	448020	1404542	86.61
1945	16847	15283	168470	412916	1294493	84.70
1946	15433	14000	153680	365904	1147111	81.94
1947	15931	14452	159310	348599	1092859	75.62
1948	15550	14106	155500	303118	950277	67.37
1949	12630	11457	126300	235634	738713	64.48
1950	13154	11933	131540	240036	752514	63.06
1951	15605	14156	156050	255400	800682	56.56
1952	18346	16443	183460	288006	902899	54.25
1953	37130	33683	371300	583805	1830228	54.34
1954	49598	44994	495980	767770	2406961	53.50
1955	57100	51800	571000	878461	2753976	53.17
1956	53481	48517	534810	793486	2487580	51.27
1957	54264	49227	542640	789020	2473578	50.25
1958	62260	56481	622610	892004	2796433	49.51
1959	107690	97694	1041857	1463282	4587390	46.96
1960	95766	86877	985717	1367152	4286023	49.33
1961	84712	76849	855058	1179390	3697388	48.11
1962	94803	86003	952877	1296431	4064312	47.26
1963	147246	133579	1460438	1952457	6120953	45.82
1964	179283	162642	1676727	2186084	6853375	42.14
1965	140116	127111	1322611	1672074	5241953	41.24
1966	161159	146200	1517809	1835319	5753725	39.36
1967	234448	212687	2354010	2740407	8591177	40.39
1968	309353	280640	4676198	5271925	14527486	58.89
1969	253091	229600	3393087	3660288	11475003	49.98
1970	331346	300592	3097285	3199674	10030979	33.37
1971	372692	338100	3406225	3406225	10678515	31.58
1972	391084	354785	3448498	3287414	10306045	29.05
1973	405157	367552	5437184	4782044	14991707	40.79
1974	421906	382746	5661978	4375562	13717388	35.84
1975	378632	343490	4770425	3256262	10208384	29.72
1976	401615	364339	9597141	5983255	18757504	51.48
1977	416439	377788	7934689	4621251	14487623	38.35
1978	330735	300038	5135083	2810663	8811431	29.37
1979	370690	336285	6894212	3435083	10768985	32.02
1980	597072	541655	13440942	6035447	18921128	34.93
1981	492553	446837	18578353	7542977	23647233	52.92
1982	343577	311688	17588171	6414358	20109013	64.52
1983	373410	338752	19710474	6785016	21271028	62.79
1984	491082	445903	35990585	11931138	37404118	83.96
1985	504858	458000	36030000	11492823	36030000	78.67
TOTAL	10687473	9695482		142461808	446617859	



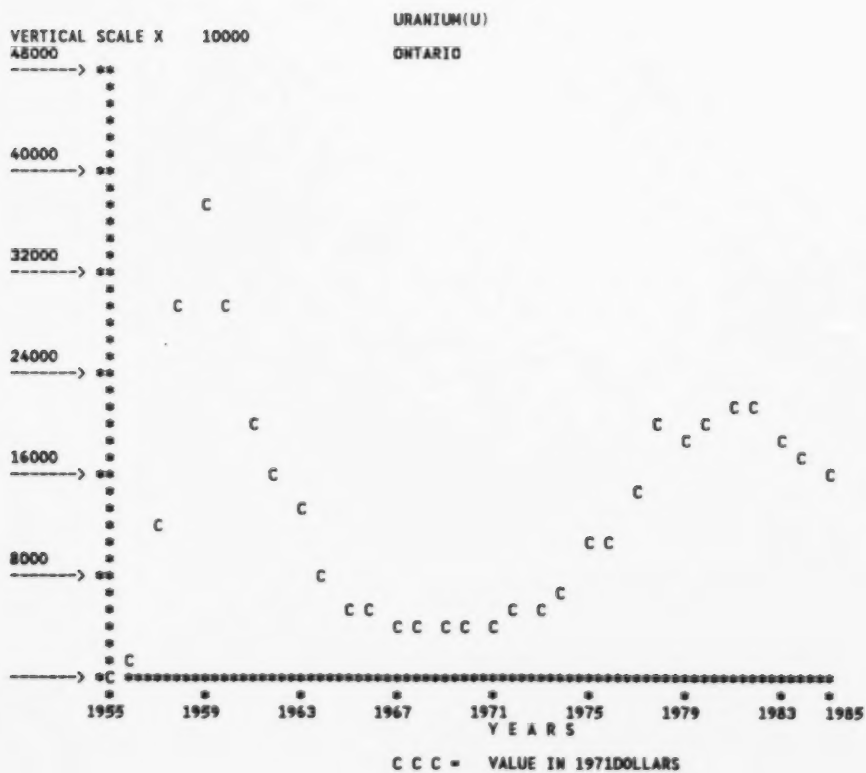
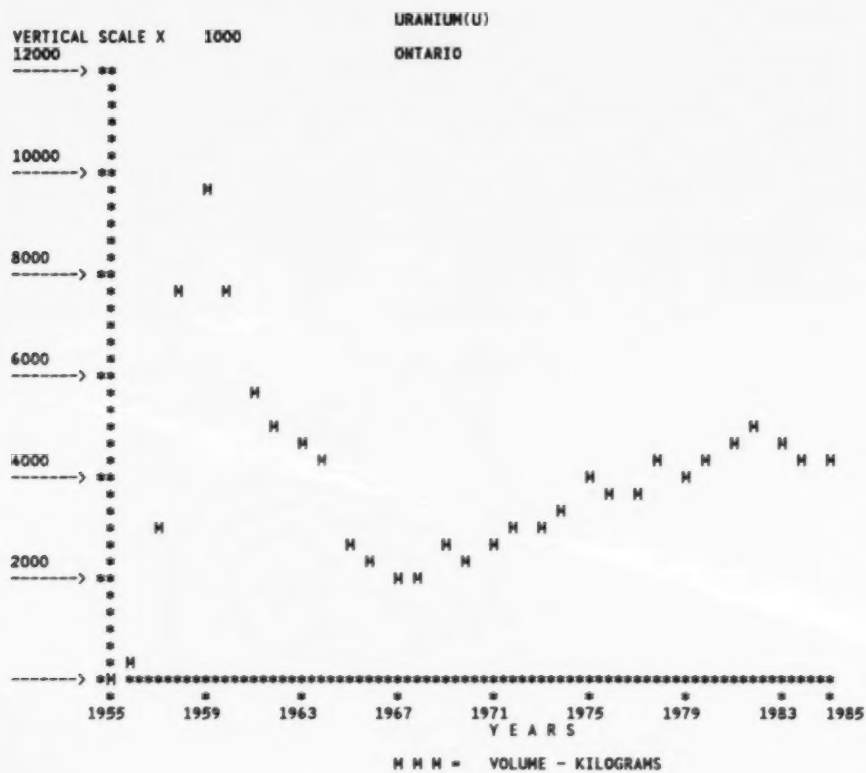
VOLUME AND VALUE OF PRODUCTION OF TELLURIUM
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	POUNDS	KILOGRAMS	DOLLARS	1971 DOLLARS	1985 DOLLARS	1985 DOLLARS/KILOGRAMS
1934	5130	2326	25599	85330	267509	115.01
1935	14275	6475	28550	94850	297356	45.92
1936	10197	4625	18049	58035	181940	39.34
1937	6651	3016	11506	35956	112722	37.37
1938	0	0	0	0	0	.00
1939	0	0	0	0	0	.00
1940	3491	1583	5607	16939	53105	33.55
1941	11453	5194	18394	51523	161527	31.10
1942	9500	4309	15200	40750	127753	29.65
1943	8600	3900	15050	38989	122232	31.34
1944	9900	4490	17325	43421	136125	30.32
1945	0	0	0	0	0	.00
1946	14200	6441	21868	52066	163229	25.34
1947	6169	2798	10796	23623	74060	26.47
1948	8739	3963	15293	29810	93457	23.58
1949	8726	3958	15707	29304	91868	23.21
1950	6010	2726	11419	20837	65325	23.96
1951	6301	2858	11594	18975	59488	20.81
1952	5710	2590	9707	15238	47773	18.45
1953	4525	2052	7919	12451	39034	19.02
1954	7195	3263	12591	19490	61103	18.73
1955	6455	2927	11296	17378	54481	18.61
1956	6305	2859	11034	16370	51322	17.95
1957	6915	3136	12101	17588	55140	17.58
1958	6692	3035	11376	16297	51094	16.83
1959	6900	3129	14835	20835	65319	20.88
1960	7450	3379	26075	36165	113377	33.55
1961	8050	3651	39043	53852	168827	46.24
1962	7011	3180	42066	57232	179424	56.42
1963	7705	3494	50082	66954	209902	60.07
1964	7900	3583	51350	66949	209885	58.58
1965	9315	4225	60548	76546	239972	56.80
1966	9000	4082	58500	70737	221762	54.33
1967	6500	2948	42250	49185	154195	52.30
1968	6600	2993	42636	48067	150692	50.35
1969	5610	2544	36241	39094	122562	48.18
1970	7325	3322	45928	47446	148744	44.78
1971	8100	3674	49086	49086	153884	41.88
1972	8327	3777	49462	47151	147820	39.14
1973	15346	6960	93150	81926	256838	36.90
1974	19468	8830	158080	122163	382983	43.37
1975	15286	6933	144606	98707	309446	44.63
1976	15500	7030	157945	98469	308701	43.91
1977	17802	8074	325367	189497	594074	73.58
1978	11700	5307	266912	146093	458001	86.30
1979	6900	3129	161667	80551	252529	80.71
1980	10815	4906	246560	110713	347088	70.75
1981	9800	4445	159575	64788	203113	45.69
1982	6267	2843	93819	34215	107265	37.73
1983	2786	1264	34633	11921	37375	29.57
1984	12191	5530	149033	49960	156627	28.32
1985	8818	4000	121000	38596	121000	30.25
TOTAL	431611	195756		2612118	8189048	



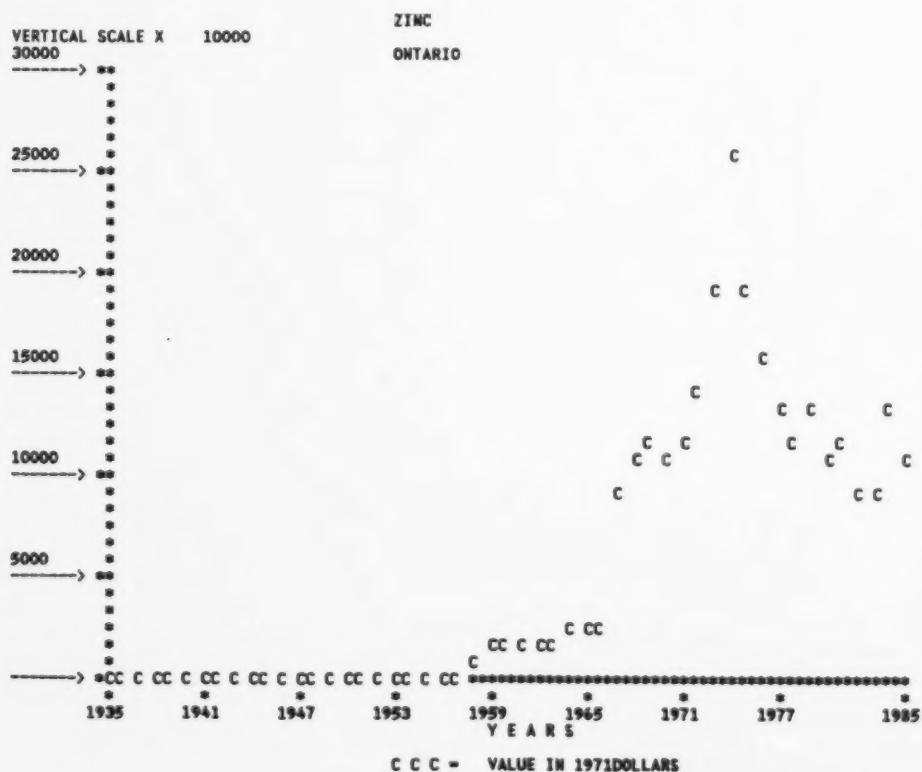
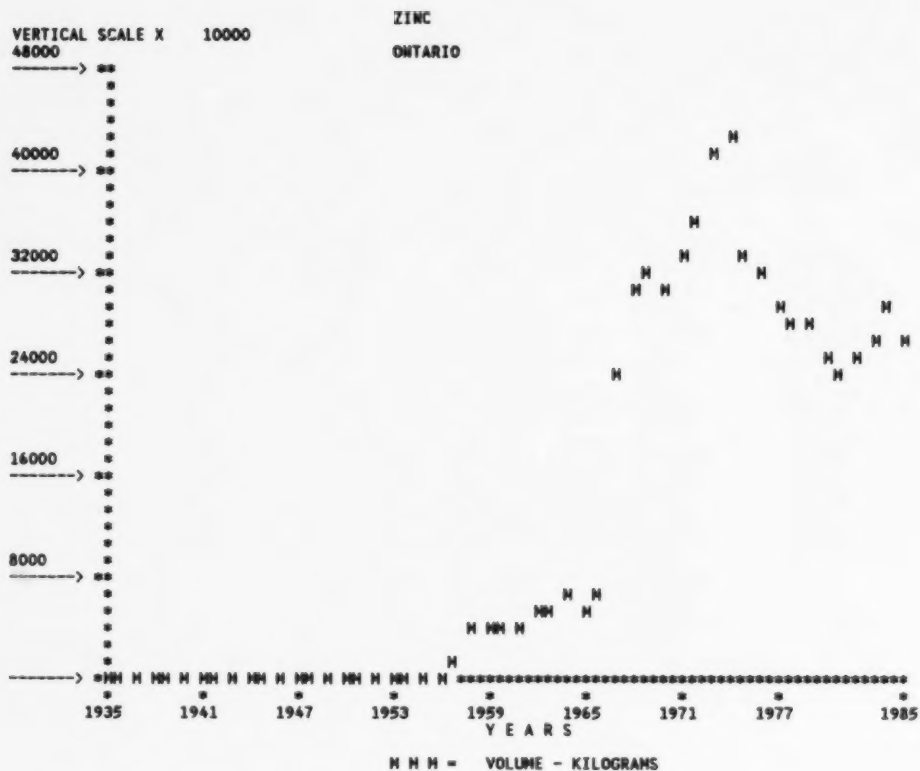
VOLUME AND VALUE OF PRODUCTION OF TIN
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	POUNDS	KILOGRAMS	DOLLARS	1971 DOLLARS	1985 DOLLARS	1985 DOLLARS/KILOGRAMS
1974	399358	181145	1397815	1080227	3386514	18.70
1975	632546	286918	2165533	1478179	4634092	16.15
1976	379574	172171	1168823	728692	2284451	13.27
1977	309763	140506	1633889	951595	2983251	21.23
1978	217252	98543	1423708	779259	2442980	24.79
1979	211143	95772	1745703	869807	2726845	28.47
1980	227102	103012	1989997	893577	2801365	27.19
1981	195713	88774	1479882	600845	1883650	21.22
1982	42714	19375	368266	134305	421048	21.73
1983	8227	3732	81495	28053	87947	23.57
TOTAL	2623392	1189948		7544539	23652143	



VOLUME AND VALUE OF PRODUCTION OF URANIUM(U)
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	POUNDS	KILOGRAMS	DOLLARS	1971 DOLLARS	1985 DOLLARS	1985 DOLLARS/KILOGRAMS
1955	0	0	487054	749313	2349098	.00
1956	768838	348738	9361867	13890010	43545183	124.87
1957	6759326	3065978	82940763	120553434	377935016	123.27
1958	16935324	7681733	210149700	301074068	943867200	122.87
1959	21618189	9805845	268529993	377148868	1182361696	120.58
1960	16785723	7613875	211983533	294013224	921731456	121.06
1961	12695549	5758603	151060610	208359462	653206912	113.43
1962	10859228	4925662	118283081	160929362	504513548	102.43
1963	10829732	4912283	102951146	137635220	431486420	87.84
1964	10011144	4540978	63606944	82929523	259984056	57.25
1965	5787860	2625328	47234892	59715413	187207820	71.31
1966	4982782	2260151	42758135	51702702	162087972	71.72
1967	4622319	2096648	41418268	48216843	151159802	72.10
1968	4546692	2062344	39163777	44153074	138419888	67.12
1969	6139709	2784925	40307489	43481649	136314972	48.95
1970	5662178	2568320	44946115	46431937	145564122	56.68
1971	5944695	2696467	44626947	44626947	139905478	51.88
1972	7147262	3241943	60827490	57986168	181786638	56.07
1973	6881416	3121357	65208504	57351366	179796536	57.60
1974	7159909	3247679	91266421	70530465	221113006	68.08
1975	8963312	4065689	164149613	112047519	351268972	86.40
1976	8302222	3765824	186438898	116233727	364392736	96.76
1977	7998361	3627995	250688679	146003890	457722196	126.16
1978	9821228	4454834	363839550	199145894	624322376	140.14
1979	8830347	4005377	375793251	187241280	587001416	146.55
1980	9764401	4429058	464099607	208396770	653323872	147.51
1981	10713357	4859497	522011958	211941518	664436656	136.73
1982	10957695	4970327	586623297	213939932	670701680	134.94
1983	10509700	4767120	535770365	184430418	578189368	121.29
1984	10035790	4552158	544778444	182627706	572537856	125.77
1985	9887732	4485000	519479000	165703030	519479000	115.83
TOTAL	271922020	123341736		4149190732	13007712947	



VOLUME AND VALUE OF PRODUCTION OF ZINC
IN ONTARIO

YEAR	VOLUME OF PRODUCTION		VALUE OF PRODUCTION			UNIT VALUE
	POUNDS	KILOGRAMS	DOLLARS	1971 DOLLARS	1985 DOLLARS	
1901	3000000	1360000	15000	41666	130625	.10
1902	1900000	860000	11500	31944	100145	.12
1903	2300000	1042000	17000	47222	148041	.14
1904	1066000	482000	3700	10277	32220	.07
1905	0	0	0	0	0	.00
1906	800000	362000	6000	16666	52250	.14
1907	0	0	0	0	0	.00
1908	0	0	0	0	0	.00
1909	1790000	810000	8950	24861	77939	.10
1910	1152000	522000	5760	16000	50160	.10
1911	0	0	0	0	0	.00
1912	0	0	0	0	0	.00
1913	0	0	0	0	0	.00
1914	0	0	0	0	0	.00
1915	0	0	0	0	0	.00
1916	0	0	0	0	0	.00
1917	0	0	0	0	0	.00
1918	0	0	0	0	0	.00
1919	0	0	0	0	0	.00
1920	0	0	0	0	0	.00
1921	0	0	2180	6055	18984	.42
1922	100283	45487	0	0	0	.00
1923	0	0	0	0	0	.00
1924	0	0	0	0	119173	1.46
1925	179545	81440	13685	38013	0	.00
1926	0	0	0	0	0	.00
1927	0	0	0	8986	28171	1.06
1928	58724	26636	3226	8986	2559589	1.02
1929	5516806	2502381	297190	816456	1124738	.70
1930	3527894	1600225	127004	358768	0	.00
1931	0	0	0	0	0	.00
1932	0	0	0	0	0	.00
1933	0	0	0	0	0	.00
1934	0	0	0	0	0	.00
1935	0	0	0	0	0	.00
1936	0	0	0	0	57635	1.06
1937	120011	54436	5883	18384	0	.00
1938	0	0	0	0	0	.00
1939	0	0	0	0	0	.00
1940	0	0	0	0	329772	.66
1941	1100949	499382	37553	105190	1350411	.63
1942	4710394	2136598	160671	430753	1072007	.72
1943	3299812	1496769	131992	341948	820717	.74
1944	2429176	1101855	104455	261791	117670	1.09
1945	237799	107863	15314	37534	24848	1.29
1946	42628	19335	3329	7926	0	.00
1947	0	0	0	0	0	.00
1948	0	0	0	0	0	.00
1949	0	0	0	0	0	.00
1950	0	0	0	0	0	.00
1951	0	0	0	0	642896	1.90
1952	744920	337890	130630	205070	101276	1.30
1953	171787	77921	20546	32305	825592	1.28
1954	1420048	644122	170122	263346	2038015	1.45
1955	3095640	1404158	422555	650084	1694100	1.52
1956	2454297	1113250	364218	540382	12445831	1.21
1957	22591677	10247412	2731334	3969962	45190903	1.08
1958	92478339	41947469	10061643	14414961	48484615	1.19
1959	89963215	40806628	11011498	15465587	52509406	1.28
1960	90459368	41031679	12076326	16749411	56550016	1.20
1961	103874146	47116520	13077755	18038282	65165462	1.14
1962	126264684	57272697	15278027	20786431	71206948	1.18
1963	132939970	60300556	16989728	22713540	83490049	1.28
1964	144152666	65386549	20426433	26631594	72623472	1.32
1965	121349121	55043035	18323817	23165381	94327734	1.26
1966	164789837	74747413	24883265	30088591	284013840	1.17
1967	537064861	243608526	77820698	90594526	345612156	1.10
1968	693515176	314573192	97785640	110243112	371137500	1.14
1969	720571567	326845768	109743049	118385167	351071784	1.14
1970	680484067	308662380	108401112	111984620	383635264	1.16
1971	731450644	331780440	122371696	122371696	460073544	1.26
1972	807219666	366148680	153944862	146753920	607665048	1.47
1973	912729270	414007036	220387609	193832550	811807496	1.86
1974	960117440	435501948	335080986	258949760	594174528	1.77
1975	740427997	335852492	277660498	189529352	514229784	1.62
1976	699292826	317193892	263101933	164028638	422520952	1.43
1977	651288737	295419604	231409401	134775422	364819364	1.31
1978	611697356	277461256	212607650	116369813	435621580	1.51
1979	637923879	289357404	278881182	138954252	341804604	1.35
1980	558494904	253329025	242806654	109028583	364392520	1.48
1981	542405081	246030807	286283503	116233660	294850188	1.13
1982	574400144	260543524	94051097	96559628	302714436	1.10
1983	605871160	274818534	280505720	96559628	415760384	1.41
1984	648447192	294130699	395602305	132618942	341722000	1.27
1985	594139184	269497000	341722000	109002233		
TOTAL	14037622907	6367349913		2750602338	8623138382	

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